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A BIBLIOGRAPHY OF
CANADIAN CLIMATE
1763-1957

OTTAWA - CANADA
1961

Price \$1.00

UDC: 551.582(71), 016

NRC 6521

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A BIBLIOGRAPHY OF CANADIAN CLIMATE 1763-1957

COMPILED BY
MORLEY K. THOMAS

Morley Thomas

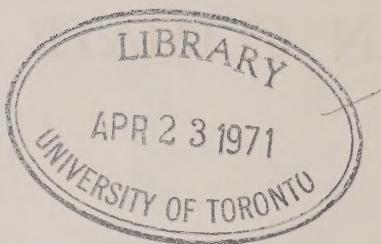
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UDC: 551.582(71): 016

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52094-0-1



ROGER DUHAMEL, F.R.S.C.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1962

Cat. No. T56-2357

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FOREWORD

This Bibliography of Canadian Climate, compiled by Morley K. Thomas will, we are sure, be a most useful reference book for all those with a need to know about the climate of Canada. The publication is sponsored jointly by the Division of Building Research, National Research Council and the Meteorological Branch, Department of Transport. A reader may perhaps wonder what the connection is between the Meteorological Branch and the Division of Building Research of the National Research Council. From the inception of its work the Division of Building Research has been vitally concerned with the climate of Canada. It has always maintained close liaison with the Meteorological Branch. The compiler of this bibliography was seconded from the Meteorological Branch to the Division of Building Research from 1951 to 1953 when much of the early work was done on the manuscript. Thus it had always been felt that when publication became possible it should be done as a joint effort by the two organizations. As the reader will realize, the publication is available now only as a result of great personal effort and perseverance by Morley Thomas, to whom we express our congratulations and thanks.

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Director,
Division of Building Research,
National Research Council,
Ottawa, Ontario.

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Meteorological Branch,
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Toronto, Ontario.

A Bibliography of Canadian Climate 1763-1957

INTRODUCTION

CONCEPT

The first thoughts of preparing a bibliography of Canadian climate occurred in 1950 when the writer collected nearly 100 references pertaining to the climate of this country. With the encouragement of Dr. Andrew Thomson, then Director of the Meteorological Branch, to make a more complete search for books, articles and papers, the project grew until now, in 1961, the present reference list contains nearly 1400 items. This bibliography may be used not only as a ready reference to find out what has been published on some of the more modern aspects of Canadian climatology, but also as an historical reference to what was written decades, and even centuries ago.

SOURCES

The project's inception began with an examination of the works of Sir Frederick Stupart, Director of the Meteorological Service of Canada 1894-1929, A. J. Connor, Dominion Climatologist 1909-1950, C. C. Boughner, present Chief of the Climatology Division and C. E. Keppe who published "The Canadian Climate" in 1931. Study of these articles and their references led to still more references. Numerous articles written in the nineteenth century were discovered by surveying the publications of the Canadian Institute (from 1852), the Nova Scotia Institute of Science (from 1864) and the Canadian Record of Science (from 1885). Issues of the American Meteorological Journal (1884-1893) and various official publications of the national weather services of Canada and the United States provided additional material from the last century.

Three post World War II meteorological bibliographical series have been of valuable assistance. These are the Meteorological and Geoastrophysical Abstracts series of the American Meteorological Society which began as a monthly publication in 1950; the Arctic Bibliography prepared by the Arctic Institute of North America and sponsored by the United States Department of Defence, the first volume of which was published in 1953; and the SIPRE Bibliographies prepared by the Snow, Ice and Permafrost Research Establishment of the United States Army which have appeared during the past few years. Acknowledgements must also be made to special bibliographies prepared by the Royal Meteorological Society, the American Meteorological Society, the Great Lakes Research Division of the University of Michigan, and the Subcommittee on Hydrology of the Associate Committee on Geodesy and Geophysics, National Research Council, Canada. To find references on some of the more obscure articles and books, the catalogues of the Toronto Public Reference Library, the University of Toronto Library, the National Research Council Library in Ottawa, and the Meteorological Headquarters Library in Toronto have been reviewed from time to time during the past decade.

CONTENT

In general, items in the main body of the bibliography are listed first chronologically and then alphabetically by author. During the final stages of preparation, it was sometimes necessary to insert items out of alphabetical order in order not to disturb index work already completed. Each item is identified by a serial number which consists of the calendar year of publication followed by a number indicating the alphabetical ranking of the author's surname in that year. The author's christian names have been reduced to initials in every case for simplicity and uniformity. A standard arrangement follows where the complete name of the article is given followed by the name or the abbreviated name of the publication in which it appeared. No italics or underlining are shown for the name of the publication, but there is always a period following the name of the article. Following the name of the publication a standard number block gives the volume, the number of the issue and the pages involved. The year of publication is then shown, and if available, the month is also included. In the listing of books, the publisher's name is shown after the title followed by the city and year of publication and the number of pages in the book.

Appendix I contains an index of all periodicals listed along with any abbreviations used. A subject index, shown on Appendix II, will provide assistance in locating references on any subject. Items in the main subject index are grouped under each subject according to their geographical location. Fifteen regions of Canada which have been used for the purpose of geographical grouping, are listed in Appendix III. A few references have been listed concerning papers and articles on areas of the United States which are adjacent to Canadian areas with similar climatic characteristics.

In addition to the main subject index, an author index lists chronologically the reference number of every article written by each author. Finally, Appendix IV contains an annotated list showing the routine publications containing climatological data. References to these serial items are not contained in the general subject and author indexes.

SUPPLEMENTAL ISSUES

Since several score of books, articles and reports concerning the climate of Canada are now being published annually, it has not been possible to include the most recent references in this bibliography. To meet the need for current information, supplemental bibliographies will appear every two years for the next decade at which time a revision of the current work is planned. Along with current references, these supplementary issues will contain earlier references which were either overlooked or unknown to the writer at this time. The first supplementary issue containing 1958 and 1959 items, for the most part, is scheduled for publication within the next year.

ACKNOWLEDGEMENTS

Preparation and publication of this bibliography would not have been possible without the encouragement and assistance given by staff members of the Meteorological Branch and the Division of Building Research. From the beginning of the project, Dr. Andrew Thomson, Director of the Meteorological Branch until 1959, has been an enthusiastic sponsor and has provided several

early references. The present Director, Mr. P. D. McTaggart-Cowan, has carried on support of the project, and has facilitated the final publication arrangements. Mr. R. F. Legget, Director of the Division of Building Research, an organization to which the writer was seconded from 1951 to 1953, has maintained an active continuing interest in the project. The writer's successor as Building Research climatologist, Mr. D. W. Boyd, has assisted in the verifying and correcting of different items, as have Miss M. Gerard, editor of The Division of Building Research and Miss E. Carson, librarian of that organization. In the Meteorological Branch, Mr. C. C. Boughner, Chief of the Climatology Division and other meteorologists have assisted from time to time with the compilation, as has Miss M. Skinner, librarian at Meteorological Branch Headquarters. Last, but not least, publication of the bibliography has been made possible by the careful checking organized by Mr. E. J. Gregg and Miss E. McKearney and the typing of the different manuscripts supervised by Mrs. D. Page and Mrs. N. Moncrieff.

Climatology Division
Meteorological Branch
Department of Transport
June 21, 1961

M. K. THOMAS



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BIBLIOGRAPHY

- 1763/1 STIRLING, J.
An account of a remarkable darkness at Detroit in America (October 1762).
Phil. Trans., 53:63-64. 1763.
- 1766/1 ROSE, A.
Abstract of a journal of the weather in Quebec between 1st. April 1765 and 30th. April 1766. Phil. Trans., 56:291-295. 1766.
- 1770/1 DYMOND, J. and W. WALES
Observations on the state of the air, winds, weather etc., made at Prince of Wales Fort on the northwest coast of Hudson's Bay in the years 1768 and 1769. Phil. Trans., 60:137. 1770.
- 1817/1 CHAPPELL, E.
Narrative of a voyage to Hudson's Bay. J. Mawman, London, 1817. 279p.
- 1819/1 ROSS, Sir J.
A voyage of discovery for the purpose of exploring Baffin's Bay (1818). J. Murray, London, 1819. 252p.
- 1820/1 SCORESBY, W.
An account of the Arctic Regions. A. Constable & Co., Edinburgh, 1820. (2 vol.).
- 1821/1 PARRY, Sir W. E.
Journal of a voyage for the discovery of a Northwest Passage in 1819-20. J. Murray, London, 1821-24. (2 vol.).
- 1824/1 PARRY, Sir W. E.
Journal of a second voyage for the discovery of a Northwest Passage in 1821-22-23. J. Murray, London, 1824-25. (2 vol.).
- 1824/2 TALBOT, E. A.
Five years residence in the Canadas. Longman and Green, London, 1824. Vol. I, 419p. (Letter XX—Climate of the Canadas. p. 339-373.)
- 1825/1 RICHARDSON, Sir J.
Remarks on the climate and vegetable productions of Hudson's Bay countries. Edinburgh Philosophical Journal, 12:147-231. 1825.
- 1826/1 PARRY, Sir W. E.
Journal of a third voyage for the discovery of a Northwest Passage in 1824-25. J. Murray, London, 1826. 186p.
- 1828/1 RICHARDSON, Sir J.
Meteorological tables, arranged from the registers kept at Fort Franklin. In Franklin Sir J., Narrative of a second expedition 1825-27 (Appendix 2). J. Murray, London, 1828.
- 1828/2 RICHARDSON, Sir J.
Observations on solar radiation. In Franklin Sir J., Narrative of a second expedition 1825-27 (Appendix 3). J. Murray, London, 1828.
- 1829/1 BONNYCASTLE, R. E.
An account of some meteorological phenomena observed in Canada in the years 1826-7. Transactions of the Literary and Historical Society of Quebec, 11:47-52. 1829.
- 1832/1 KELLY, W.
Abstract of the meteorological journal kept at Cape Diamond, Quebec from 1st. January 1824 to 31st. December 1831, with some remarks on the climate of Lower Canada. Transactions of the Literary and Historical Society of Quebec, 3:1:46-71. July 1832.
- 1833/1 BRADDELEY, R. E.
Meteorological influences on the agriculture of the Magdalen Islands. Transactions of the Literary and Historical Society of Quebec, 3:2:143-145. April 1833.

- 1835/1 BAYFIELD, W. H.
Abstract of the meteorological journal kept on Lake Superior in 1824. Transactions of the Literary and Historical Society of Quebec, 3:3:282. April 1835.
- 1835/2 ROSS, Sir J.
Narrative of a second voyage in search of a Northwest Passage during the years 1829, 1830, 1831, 1832, 1833. A. W. Webster, London, 1835. (2 vol.).
- 1835/3 WATT, J.
Abstract of the meteorological register kept at Cape Diamond, Quebec from January 1832 to December 1834. Transactions of the Literary and Historical Society of Quebec, 3:3:283-284. April, 1835.
- 1836/1 BACK, Sir G. and R. KING
Meteorological table. In Back, Sir G., Narrative of the Arctic Land Expedition (1833-34-35) p. 563-589. J. Murray, London, 1836.
- 1837/1 KELLY, W.
Abstract of the meteorological journal kept at Cape Diamond, Quebec in 1835 and 1836. Transactions of the Literary and Historical Society of Quebec, 3:4:399-400. May 1837.
- 1837/2 KELLY, W.
On the effect of clearing and cultivation on climate. Transactions of the Literary and Historical Society of Quebec, 3:309-312. 1837.
- 1838/1 BACK, Sir G.
Narrative of an expedition in H.M.S. Terror in 1836-7. J. Murray, London, 1838. 450p.
- 1838/2 DEWEY, C.
Temperature of Lake Ontario. Amer. J. Sci., 33:403-405. 1838.
- 1839/1 HENN, C. B.
Witterungsbeobachtungen angestellt in Okak auf der Küste Labrador. Akademia nauk, Bulletin scientifique, 5:142-153. 1839.
- 1839/2 RICHARDSON, Sir J.
Results of thermometrical observations made at Sir Edward Parry's several wintering-places on his arctic voyages and at Fort Franklin. Roy. Geogr. Soc. J., 9:331-380. 1839.
- 1839/3 RICHARDSON, Sir J.
Note on the best points in British North America for making observations on the temperature of the air; and also for the height of the station above the level of the sea. Roy. Geogr. Soc. J., 9:121-124. 1839.
- 1839/4 DEWEY, C.
On the temperature of Lake Ontario. Amer. J. Sci., 37:398-399. 1839.
- 1842/1 BAER, K. E.
Revision des täglichen Ganges der Temperatur in Boothia. Akademia nauk, Leningrad. Bulletin scientifique, 9:3-9. 1842.
- 1845/1 SABINE, E.
Observations made at the Magnetical and Meteorological Observatory at Toronto in Canada. Vol. 1, 1840, 1841, 1842. Longman, Brown, Green and Longman, London, 1845. 337p.
- 1848/1 MATHER, W. W.
Notes and remarks connected with meteorology on Lake Superior and on the variation in its level by barometric causes and variations in season. Amer. J. Sci., Series 2, 6:16:1-20. 1848.
- 1850/1 RAE, J.
Narrative of an expedition to the shores of the Arctic Sea in 1846 and 1847. T. & W. Boone, London, 1850. 247p.
- 1850/2 WINDER, W.
Observations and remarks on the meteorology and climate of Upper and Lower Canada. Journal of the Legislative Assembly, Province of Canada, 1850. Appendix TT (part)—pages not numbered.

- 1851/1 RICHARDSON, Sir J.
Arctic searching expedition: a journal of a boat-voyage through Rupert's Land and the Arctic Sea. Longman, Brown, Green and Longman, London, 1851. (2 vol.).
- 1852/1 LEFROY, J. H.
Remarks on thermometric registers. The Canadian Journal, Series 1, 1:2:29-31. Sept. 1852; 1:4:75-77. Nov. 1852.
- 1852/2 METEOROLOGICAL REGISTER
Toronto (monthly and annually 1852 to 1877)
Hamilton (annually 1854-5-6-8, 1860-1)
Kingston (annually 1854-6-7-8)
Quebec (monthly 1853-6)
St. Martin (monthly and annually 1853 to 1862)
The Canadian Journal, Series 1, Vol. 1, to Series 2, Vol. 15, August 1852 to January 1878.
- 1852/3 Rainy days and rainfall, snowfall and snowy days at Toronto from 1840 to 1852.
The Canadian Journal, Series 1, 1:88, Nov. 1852.
- 1852/4 SUTHERLAND, P. C.
Journal of a voyage in Baffin's Bay and Barrow Straits in the years 1850-51. Longman, Brown, Green and Longman, London, 1852. (2 vol.).
- 1853/1 Abstract of meteorological observations made at the Magnetical Observatory, Toronto, C.W., from Jan. 1840 to June 1853 inclusive. The Canadian Journal, Series 1, 1:12:286-288. July 1853.
- 1853/2 The Arctic Expeditions. Maximum, minimum and mean pressures and temperatures on board the "Investigator" 1850-1853. The Canadian Journal, Series 1, 2:111. Dec. 1853.
- 1853/3 CHERRIMAN, J. B.
On the variations of temperature at Toronto (a review of "On the periodic and non-periodic variations of the temperature at Toronto in Canada from 1841 to 1852"). The Canadian Journal, Series 1, 2:14-18. Aug. 1853.
- 1853/4 KANE, E. K.
The U.S. Grinnell Expedition in search of Sir John Franklin, a personal narrative. Harper & Bros., New York, 1853. 552p.
- 1853/5 SABINE, E.
On the periodic and non-periodic variations of the temperature at Toronto in Canada from 1841 to 1852 inclusive. Phil. Trans., p. 141-164. 1853.
- 1953/6 SABINE, E.
Observations made at the Magnetical and Meteorological Observatory at Toronto in Canada. Vol. 2, 1843, 1844, 1845. Longman, Brown, Green and Longman, London, 1853. 635p.
- 1853/7 SMALLWOOD, C.
Mean results of meteorological observations made at St. Martin, Isle Jésus, Canada East. The Canadian Journal, Series 1, 2:7. Aug. 1853; Series 1, 2:230-231. April 1854.
- 1853/8 SUTHERLAND, P.C.
Meteorology. p. 193-208; A few remarks on physical geography etc. p. 145-192. In Inglefield, Sir E. A. A summer search for Sir John Franklin. T. Harrison, London, 1853. 232p.
- 1854/1 CHERRIMAN, J. B.
General Meteorological Register of the Provincial Magnetical Observatory, Toronto for the year 1853. The Canadian Journal, Series 1, 2:185-186. March 1854.
- 1854/2 CRAIGIE, W.
Meteorological observations at Hamilton from 1846 to 1853. The Canadian Journal, Series 1, 2:187-188. March 1854.

1854-1857

- 1854/3 A lake phenomenon—windstorm April 25, 1854. *The Canadian Journal*, Series 1, 2:278-280. June 1854.
- 1854/4 Remarkable temperature at Toronto during July 1854, hottest on record. *The Canadian Journal*, Series 1, 3:46. Sept. 1854.
- 1855/1 BELCHER, Sir E.
The last of the Arctic voyages . . . 1852-53-54. L. Reeve, London, 1855. 383p. (2 vol.).
- 1855/2 CHERRIMAN, J. B.
Mean meteorological results at Toronto during the year 1854. *The Canadian Journal*, Series 1, 3:161-163. Feb. 1855.
- 1855/3 HODGINS, J. G.
On the steps which have been taken by the Educational Department to establish a system of meteorological observation throughout Upper Canada. *The Canadian Journal*, Series 1, 3:410-411. Dec. 1855.
- 1855/4 The hurricane of the 18th April, 1855. *The Canadian Journal*, Series 1, 3:261-262. June 1855.
- 1855/5 LACHLAN, R.
On the establishment of a system of simultaneous meteorological observations, etc. throughout the British North American provinces. *The Canadian Journal*, Series 1, 2:241-246. May 1854.
(Supplementary remarks on above . . . Series 1, 3:406-410. Dec. 1855).
- 1855/6 LEFROY, Sir J. H. and Sir J. RICHARDSON
Magnetical and meteorological observations at Lake Athabaska and Fort Simpson . . . at Fort Confidence. Published for H. M. Stationery Office by Longman, Brown, Green and Longman, London, 1855. 391p.
- 1855/7 Remarkable low temperature at Isle Jésus in December 1854. *The Canadian Journal*, Series 1, 3:171. Feb. 1855.
- 1855/8 The temperature of the cold days of February 1855, at St. Martin. *The Canadian Journal*, Series 1, 3:196. March 1855.
- 1856/1 CAMPBELL, W. D. C.
A method of determining the index errors on thermometer scales. *The Canadian Journal*, Series 2, 1:138-139. Feb. 1856.
- 1856/2 KANE, E. K.
Arctic explorations; the Second Grinnell Expedition in search of Sir John Franklin 1853, 1854, 1855. Childs and Peterson, Philadelphia, 1856. 457p.
- 1856/3 MONTREAL NATURAL HISTORY SOCIETY
Report on the Meteorological Observatory at St. Martin, Isle Jésus. *The Canadian Journal*, Series 2, 1:409-411. July 1856.
- 1857/1 BLODGET, L.
Climatology of the United States and of the temperate latitudes of the North American continent. J. B. Lippincott, Philadelphia, 1857. 536p.
- 1857/2 KINGSTON, G. T.
On the employment of the electric telegraph for predicting storms. *The Canadian Journal*, Series 2, 2:177-180. May 1857.
- 1857/3 McCLURE, Sir R. J. L.
The discovery of the North-West Passage by H.M.S. "Investigator" (. . . 1850-1-2-3-4-5). Longman, Brown, Green, Longmans and Roberts, London, 1857. 463p.
- 1857/4 McDougall, G. F.
The eventful voyage of the H.M. Discovery ship "Resolute" to the Arctic regions . . . 1852, 1853, 1854. Longman, Brown, Green, Longmans and Roberts, London, 1857. 530p.
- 1857/5 SABINE, E.
Observations made at the Magnetical and Meteorological Observatory at Toronto in Canada, Vol. III, 1846, 1847, 1848. Longman, Brown, Green and Longman, London, 1857. 455p.

- 1858/1 KINGSTON, G. T.
Report of the Meteorological Committee of Canadian Institute to confer with Dr. Ryerson about meteorological observations at Grammar Schools in Upper Canada. *The Canadian Journal*, Series 2, 3:361-364. July 1858.
- 1858/2 KINGSTON, G. T.
On deducing the mean temperature of a month. *The Canadian Journal*, Series 2, 3:5-6. Jan. 1858.
- 1858/3 SMALLWOOD, C.
The Observatory at St. Martin, Isle Jésus, Canada East. *The Canadian Journal*, Series 2, 3:281-292. July 1858.
- 1859/1 SMALLWOOD, C.
Contributions to meteorology from observations at St. Martin, Isle Jésus, Canada East. *The Canadian Journal*, Series 2, 4:262-266. July 1859.
- 1859/2 TOMKINS, W. G.
Comparative tabular meteorological observations in Canada, England and Russia. *The Canadian Journal*, Series 2, 4:389-395. Sept. 1859.
- 1859/3 DEWEY, C.
Varying level of Lake Ontario. *Amer. J. Sci.*, Series 2, 27:398-399. 1859.
- 1860/1 KINGSTON, G. T.
Mean meteorological results at Toronto for the year 1859. *The Canadian Journal*, Series 2, 5:238-241. March 1860.
- 1860/2 SMALLWOOD, C.
Contributions to meteorology (from observations at St. Martin). *The Canadian Journal*, Series 2, 5:308-312. May 1860.
- 1860/3 TOMKINS, W. G.
Meteorological observations 1859 at St. Mary's C.W. *The Canadian Journal*, Series 2, 5:397-398. July 1860.
- 1861/1 ALEXANDER, S.
Report to the Superintendent of the United States Coast Survey on the expedition to Labrador to observe the total eclipse of July 18, 1860 . . . U.S. Coast and Geodetic Survey. Annual Report 1860, Appendix 21, 1861. p. 229-275.
- 1861/2 KINGSTON, G. T.
Mean meteorological results at Toronto for the year 1860. *The Canadian Journal*, Series 2, 6:210-213. March 1861.
- 1861/3 MURPHY, J. J.
On great fluctuations of temperature in the Arctic winter. (From the Proceedings of the Royal Society, June 7, 1861.) *The Canadian Journal*, Series 2, 6:521-525. Nov. 1861.
- 1861/4 RICHARDSON, Sir J.
The polar regions. A. & C. Black, Edinburgh, 1861, 400p.
- 1862/1 DADE, Rev. C.
Notes on the cholera seasons of 1832 and 1834. *The Canadian Journal*, Series 2, 7:17-28. Jan. 1862.
- 1862/2 KINGSTON, G. T.
Mean meteorological results at Toronto for the year 1861. *The Canadian Journal*, Series 2, 7:97-103. March 1862.
- 1862/3 MACGREGOR, C. J.
Abstract of meteorological observations at Stratford for the year 1861. *The Canadian Journal*, Series 2, 7:87-88. Jan. 1862.
- 1862/4 McCLINTOCK, Sir F. L.
Meteorological observations in the Arctic seas . . . in 1857, 1858 and 1859. Charles A. Schott (Smithsonian Institute, Washington), 1862. 146p.
- 1863/1 KINGSTON, G. T.
Mean meteorological results at Toronto for the year 1862. *The Canadian Journal*, Series 2, 8:238-245. May 1863.

1863-1868

- 1863/2 MACGREGOR, C. J.
Abstract of meteorological observations at Stratford for the years 1861 and 1862. *The Canadian Journal*, Series 2, 8:294-298. July 1863.
- 1863/3 MYERS, W. J.
Notes on the weather at Halifax, 1863. *Proc. N.S. Inst. Sci.*, 1:2:68. 1863-64.
- 1864/1 Abstracts of meteorological observations made at the Magnetical Observatory, Toronto, Canada West, during the years 1854 to 1859 inclusive. Toronto, 1864. 136p.
- 1864/2 KINGSTON, G. T.
Mean meteorological results at Toronto for the year 1863. *The Canadian Journal*, Series 2, 9:171-177. May 1864.
- 1864/3 KINGSTON, G. T.
On the relative durations of the different winds during rain or snow, derived from the Toronto observations in 1853 to 1859. *The Canadian Journal*, Series 2, 9:240-248. July 1864.
- 1864/4 KINGSTON, G. T.
On the abnormal variations of some of the meteorological elements at Toronto and their relations to the direction of the wind. *The Canadian Journal*, Series 2, 9:109-129. March 1864.
- 1864/5 KINGSTON, G. T.
On the annual and diurnal distribution of the different winds at Toronto. *The Canadian Journal*, Series 2, 9:10-25. Jan. 1864.
- 1864/6 MYERS, W. J.
Notes on the weather at Halifax, 1864. *Proc. N.S. Inst. Sci.*, 1:3:102-107. 1864-65.
- 1864/7 Results of meteorological observations made at the Magnetical Observatory, Toronto, Canada West, during the years 1860, 1861 and 1862. Toronto, 1864. 84p.
- 1865/1 KINGSTON, G. T.
Mean meteorological results at Toronto for the year 1864. *The Canadian Journal*, Series 2, 10:108-113. March 1865.
- 1865/2 MYERS, W. J.
Abstract of meteorological register, Halifax, N.S. *Proc. N.S. Inst. Sci.*, 1:4:137-138. 1865-66.
- 1865/3 MYERS, W. J.
Notes on the weather at Halifax, 1865. *Proc. N.S. Inst. Sci.*, 1:4:51-58. 1865-66.
- 1866/1 MYERS, W. J.
Abstract of meteorological register, Halifax, N.S. *Proc. N.S. Inst. Sci.*, 2:1:119-120. 1866-67.
- 1866/2 MYERS, W. J.
Notes on the weather at Halifax, 1866. *Proc. N.S. Inst. Sci.*, 2:1:60-67. 1866-67.
- 1867/1 ALLISON, F.
(On the meteorology of Halifax), 1867. *Proc. N.S. Inst. Sci.*, 2:3:74-87. 1867-68.
- 1867/2 HURDIS, J. L.
On North Atlantic storms. *Proc. N.S. Inst. Sci.*, 1:4:140-146. 1867-68.
- 1867/3 MYERS, W. J.
Abstract of meteorological register, Halifax, N.S. *Proc. N.S. Inst. Sci.*, 2:2:100. 1867-68.
- 1867/4 POOLE, H. S.
On the meteorology of Caledonia Mines, Little Glace Bay, Cape Breton in 1867. *Proc. N.S. Inst. Sci.*, 2:2:51-57. 1867-68.
- 1868/1 ALLISON, F.
On the meteorology of Halifax, 1868. *Proc. N.S. Inst. Sci.*, 2:3:109-123. 1868-69.

- 1868/2 MYERS, W. J.
Abstract of meteorological register, Halifax, N.S. Proc. N.S. Inst. Sci., 2:3:165. 1868-69.
- 1868/3 POOLE, H. S.
On the meteorology of Caledonia Mines, Little Glace Bay, Cape Breton in 1868. Proc. N.S. Inst. Sci., 2:3:100-102. 1868-69.
- 1869/1 ALLISON, F.
On the meteorology of Halifax, 1869. Proc. N.S. Inst. Sci., 2:4:100-109. 1869-70.
- 1869/2 KINGSTON, G. T.
On the changes of barometric pressure and pressure of vapour that accompany different winds at Toronto. The Canadian Journal, Series 2, 12:303-307. Nov. 1869.
- 1869/3 POOLE, H. S.
On the meteorology of Caledonia Mines, Little Glace Bay, Cape Breton in 1869. Proc. N.S. Inst. Sci., 2:4:73-82. 1869-70.
- 1869/4 BLACKWELL, T. E.
On the hydrology of the basin of the River Saint Lawrence. Trans. Amer. Phil. Soc., 13, Part 3:249-304. 1869.
- 1870/1 ALLISON, F.
On the meteorology of Halifax, 1870. Proc. N.S. Inst. Sci., 3:1:89-91. 1870-71.
- 1870/2 GAUTIER, J. A.
Notice sur les observations météorologiques faites sur la côte du Labrador par des missionnaires Moraves. Archives des sciences physiques et naturelles. Nouvelle période, 38:132-46; 55:39-54. 1870-76.
- 1870/3 KINGSTON, G. T.
On the annual distribution of temperature at Toronto in 1859-68. The Canadian Journal, Series 2, 12:474-477. Aug. 1870.
- 1870/4 MACGREGOR, C. J.
On the climatology of Stratford, Ontario. The Canadian Journal, Series 2, 12:470-473. Aug. 1870.
- 1870/5 POOLE, H. S.
On the meteorology of Caledonia Mines, Little Glace Bay, Cape Breton in 1870. Proc. N.S. Inst. Sci., 3:1:89-91. 1870-71.
- 1871/1 KINGSTON, G. T.
On the diurnal and annual variations of temperature at Halifax, N.S. The Canadian Journal, Series 2, 13:26-32. May 1871.
- 1871/2 POOLE, H. S.
On the meteorology of Caledonia Mines, Little Glace Bay, Cape Breton in 1871. Proc. N.S. Inst. Sci., 3:2:143-150. 1871-72.
- 1872/1 ALLISON, F.
On the progress of weather knowledge. Proc. N.S. Inst. Sci., 3:3:315-321. 1872-73.
- 1872/2 ALLISON, F.
On the meteorology of Halifax, 1871. Proc. N.S. Inst. Sci., 3:2:176-186. 1872-73.
- 1872/3 HURLBURT, J. B.
The climates, productions and resources of Canada. Printed by James Lovell, Montreal, 1872. 48p.
- 1872/4 POOLE, H. S.
On the meteorology of Caledonia Mines, Little Glace Bay, Cape Breton in 1872. Proc. N.S. Inst. Sci., 3:3:285-288. 1872-73.
- 1873/1 ALLISON, F.
Canadian weather telegraphy and storm signals. Proc. N.S. Inst. Sci., 3:4:370-376. 1873-74.

1873-1880

- 1873/2 ALLISON, F.
On the meteorology of Halifax, 1873. Proc. N.S. Inst. Sci., 3:4:394-400.
1873-74.
- 1874/1 ALLISON, F.
On the meteorology of Halifax, 1874. Proc. N.S. Inst., Sci., 4:1:42-47. 1874-75.
- 1875/1 ALLISON, F.
On the meteorology of Halifax, 1875. Proc. N.S. Inst. Sci., 4:2:157-163.
1875-76.
- 1875/2 CANADA, METEOROLOGICAL SERVICE
Abstracts and results of magnetical and meteorological observations at the Magnetic Observatory, Toronto, Canada, from 1841-1871 inclusive. Copp Clark, Toronto, 1875. 108p.
- 1875/3 PETITIOT, E. F. S. J.
Géographie de l'Athabaskan-Mackenzie et des grands lacs du bassin arctique. Société de Géographie, Paris, Bulletin 1875. Series 6, 10:5-42, 126-83, 242-90.
1875.
- 1876/1 ALLISON, F.
On the meteorology of Halifax, 1876. Proc. N.S. Inst. Sci., 4:3:300-309.
1876-77.
- 1876/2 U.S. NAVY
Scientific results of the U.S. Arctic Expedition Steamer Polaris. E. Bessels, U.S. Government Printing Office, Washington, 1876. 986p.
- 1877/1 ALLISON, F.
On the meteorology of Halifax, 1877. Proc. N.S. Inst. Sci., 4:4:429-438.
1877-78.
- 1877/2 GAUTIER, J. A.
Notice sur deux années d'observations thermométriques faites à Rama sur la côte du Labrador. Archives des sciences physiques et naturelles. Nouvelle période, 60:392-396. 1877.
- 1878/1 HIND, H. Y.
Notes on some geological features of the northeastern coast of Labrador. Canadian Naturalist, 8:227-240, 262-278. 1878.
- 1879/1 BELL, R.
Report on an exploration of the east coast of Hudson's Bay 1877. Canada, Geological Survey, Report of Progress 1877-78, Pt. C. Dawson Bros., Montreal, 1879. 37p.
- 1879/2 BELL, R.
Report on the country between Lake Winnipeg and Hudson's Bay 1878. Canada, Geological Survey, Report of Progress 1877-78, Pt. C. Dawson Bros., Montreal, 1879. 31p.
- 1879/3 HALL, C. F.
Narrative of the Second Arctic Expedition made by C. F. Hall 1864-1869. U.S. Government Printing Office, Washington, 1879. 644p.
- 1879/4 STRACHAN, R.
Contributions to our knowledge of the Meteorology of the Arctic Regions, Part 1. Her Majesty's Stationery Office, London, 1879. 137p.
- 1880/1 ALLISON, A.
General meteorological register for 1880, Halifax, Nova Scotia. Proc. N.S. Inst. Sci., 5:3:315. 1880-1881.
- 1880/2 HURLBURT, J. B.
Physical Atlas . . . of the Dominion of Canada, Ottawa, 1880. 37p.
- 1880/3 POOLE, H. S.
The ice storm of January 1881. Proc. N.S. Inst. Sci., 5:3:297-298. 1880-1881.
- 1880/4 STRACHAN, R.
Contributions to our knowledge of the Meteorology of the Arctic Regions, Part 2. Her Majesty's Stationery Office, London, 1880. p.41-253.

- 1881/1 BELL, R.
Report on Hudson's Bay and some of the lakes and rivers lying to the west of it. Canada, Geological Survey, Report of Progress 1879-80, Pt. C. Dawson Bros., Montreal, 1881. 113p.
- 1881/2 CARPMAEL, C.
On the reduction of the barometer to sea level. Proc. Canad. Inst., Series 3, 1:1-14. 1881-1882.
- 1881/3 MACOUN, J.
Notes on the physical phenomena of Manitoba and the Northwest Territories. Proc. Canad. Inst., Series 3, 1:151-159. 1881-1882.
- 1882/1 STRACHAN, R.
Contributions to our knowledge of the Meteorology of the Arctic Regions, Part 3. Her Majesty's Stationery Office, London, 1882. p.254-412.
- 1883/1 BELL, C. N.
Navigation of Hudson's Bay and Straits. Winnipeg (Manitoba) Daily Free Press 1883. Transactions, Historical and Scientific Society of Manitoba, 1883-1884. 3p.
- 1883/2 MOUAT, J. G.
A few Canadian climates. (The influence of the Great Lakes on the climate of southern Ontario.) Proc. Canad. Inst., Series 3, 1:195-216. 1883-1884.
- 1883/3 SHERMAN, O. T.
Meteorological and physical observations on the east coast of British America. U.S. Government Printing Office, Washington, 1883. 202p.
- 1884/1 BELL, C. N.
Our northern waters; a report presented to the Winnipeg Board of Trade, Winnipeg. 1884. 78p.
- 1884/2 HINGSTON, Sir W. H.
The climate of Canada and its relations to life and health. Dawson Bros., Montreal, 1884. 266p.
- 1884/3 LAMARR, W. H. and F. W. ELLIS
Physical observations during the Lady Franklin Bay Expedition of 1883. U.S. Government Printing Office, Washington, 1884. 62p.
- 1885/1 CANADA, DEPT. OF MARINE AND FISHERIES
Report of the Second Hudson's Bay Expedition, 1885. Ottawa. (1885). 112p.
- 1885/2 MCLEOD, C. H.
Meteorological observations (at Montreal/McGill) for 1884. Canad. Rec. Sci., 1:3:152-154. 1885.
- 1885/3 STRACHAN, R.
Contributions to our knowledge of the Meteorology of the Arctic Regions, Part 4. Her Majesty's Stationery Office, London, 1885. p.413-495.
- 1886/1 BOWERMAN, A.
The Chinook winds and other climatic conditions of the Northwest. Transactions, Historical and Scientific Society of Manitoba. No. 22, 1886.
- 1886/2 DEUTSCHE POLAR-KOMMISSION
Die Beobachtungs-Ergebnisse der deutschen Stationen, Bd. 1. (International Polar Year, 1st. 1882-1883). Berlin, 1886. 737p.
- 1886/3 GREELY, A. W.
Three years of arctic service; an account of the Lady Franklin Bay Expedition of 1881-84. C. Scribner's Sons, New York, 1886. 444p.
- 1886/4 MCLEOD, C. H.
Meteorological observations (at Montreal/McGill) for 1885. Canad. Rec. Sci., 2:1:128-131. 1886.
- 1887/1 Aus dem Archiv der deutschen Seewarte. Deutsche überseeische meteorologische Beobachtungen, Heft 1-9. Hamburg, 1887-1900. 9 vol.
- 1887/2 CANADA, DEPT. OF MARINE AND FISHERIES
Report of the Hudson's Bay Expedition of 1886. (Ottawa). 1887. 133p.

1887-1893

- 1887/3 LOW, A. P.
Preliminary report on an exploration of country between Lake Winnipeg and Hudson Bay. In Annual Report of the Geological Survey of Canada for 1886, Part F. Dawson Bros., Montreal, 1887. 24p.
- 1887/4 McLEOD, C. H.
Meteorological observations (at Montreal/McGill) for 1886. Canad. Rec. Sci., 2:6:393. 1887.
- 1888/1 DAWSON, G. M.
Report on an expedition in the Yukon district, N.W.T. and adjacent northern portion of British Columbia 1887. In Annual Report of the Geological Survey of Canada for 1887, Part B. Dawson Bros., Montreal, 1888. 277p.
- 1888/2 INGERSOL, E.
The climate of the Canadian West. Canad. Rec. Sci., 3:2:81-101. 1888.
- 1888/3 LOW, A. P.
Report on explorations in James' Bay and country east of Hudson Bay. In Annual Report of the Geological Survey of Canada for 1887-1888, Vol. III, Part J. W. F. Brown and Co., Montreal, 1888. 94p.
- 1888/4 McCAUL, C. C.
South Alberta and the climatic effects of the Chinook wind. Amer. Meteor. J., 5:4:145-159. Aug. 1888.
- 1888/5 STRACHAN, R.
Contributions to our knowledge of the Meteorology of the Arctic Regions, Part 5. Her Majesty's Stationery Office, London, 1888, 135p.
- 1888/6 M'ANSLAN, W.
On the temperature of Lake Ontario. Amer. J. Sci., 33:403. 1888.
- 1889/1 PAYNE, H. V.
The rain and snowfall of the Province of Ontario 1883-1888. Meteorological Service, (1889).
- 1889/2 DRUMMOND, A. T.
Temperatures in Lake Huron. Nature, 39:582. 1889.
- 1889/3 DRUMMOND, A. T.
Some Lake Ontario temperatures. Nature, 40:416. 1889.
- 1890/1 DEUTSCHE POLAR-KOMMISSION
Die deutschen Expeditionen und ihre Ergebnisse, Bd. 1-2 (International Polar Year, 1st 1882-1883). Berlin, 1890-1891. (2 vol.).
- 1890/2 DRUMMOND, A. T.
Some temperatures in the Great Lakes and St. Lawrence. Canad. Rec. Sci., 4:2:77-85. 1890.
- 1890/3 OGILVIE, W.
(Weather and climate) of the upper Yukon and the Mackenzie. Extracts from the Annual Report of the Canada Dept. of the Interior for 1889. Amer. Meteor. J., 7:7:350-364. Nov. 1890.
- 1891/1 BAILLAIRGÉ, G. F.
Canada from the Atlantic to the Pacific and Arctic Oceans. Arctic voyages, Canada, Dept. of Public Works, Report 1890, Appendix 22 (Ottawa 1891?).
- 1891/2 McCONNELL, R. G.
Report on the exploration in the Yukon and Mackenzie basins N.W.T. Annual Report of the Geological Survey of Canada 1888-89, Vol. IV, Pt. D. W. F. Brown, Montreal, 1891. 163p.
- 1891/3 STUPART, R. F.
Meteorological conditions during the past winter 1889-90: (abstract) Trans. of the Canadian Inst., Series 4, 1:31-32. 1891.
- 1893/1 PERKINS, E. A.
The seiche in America. Amer. Meteor. J., 10:6:251-263. Oct. 1893.

- 1893/2 SMITH, W. R.
Meteorological observations in Labrador—a reprint from the Bulletin of the New England Weather Service for June 1893. Amer. Meteor. J., 10:6:288-289. Oct. 1893.
- 1893/3 STUPART, R. F.
The climate of Alberta. Trans. of the Canadian Inst. Series 4, 5:49-52. 1893-1894.
- 1895/1 BELL, R.
The Labrador peninsula. Scot. geogr. Mag., 11:335-361. 1895.
- 1895/2 PAYNE, F. F.
The seasons, Hudson's Strait. Trans. of the Canadian Inst., Series 4, 5:104-113. 1895-1896.
- 1895/3 STUPART, R. F.
Rainfall and lake levels. Trans. of the Canadian Inst., Series 4, 5:121-127. 1895-1896.
- 1895/4 CHIPMAN, W.
The Barrie flood of 1890. Trans. Canad. Soc. Civ. Engrs., 9:318-328. 1895.
- 1896/1 DOANE, F. W. W.
The rainfall in 1876. Proc. N.S. Inst., Sci., 9:3:279-285. 1896-1897.
- 1896/2 DRUMMOND, A. T.
Currents and temperatures in the Gulf of St. Lawrence. Canad. Rec. Sci., 7:1:50-57. 1896.
- 1897/1 TARR, R. S.
Difference in the climate of the Greenland and American sides of Davis and Baffin's Bay. Amer. J. Sci., Series A, 3:315-320. 1897.
- 1897/2 BLUNT, W. T.
Effect of gales on Lake Erie. Report of U.S. Deep Waterways Commission (1896). 1897. p.155-168.
- 1898/1 CANADA, DEPT. OF MARINE AND FISHERIES
Report of the expedition to Hudson Bay and the Cumberland Gulf in the Steamship "Diana" . . . in the year 1897. S. E. Dawson, Ottawa. 1898. 83p.
- 1898/2 HOPKINSON, J.
Monthly and annual rainfall in the British Empire 1877-96. Roy. Meteor. Soc., Quart. J., 24:148-161. April 1898.
- 1898/3 LOW, A. P.
Report on a traverse of the northern part of the Labrador Peninsula. Canada Geological Survey Annual Report 1896, Vol. IX. Part L. S. E. Dawson, Ottawa, 1898. 41p.
- 1898/4 STUPART, R. F.
The climate of Canada. Scot. geogr. Mag., 14:73:81. 1898.
- 1898/5 ABBE, C.
The rainfall and outflow of the Great Lakes. Mon. Weath. Rev., 26:4:164-166. 1898.
- 1898/6 WISNER, G. Y.
The rainfall and outflow of the Great Lakes. Mon. Weath. Rev., 26:5:215-216. 1898.
- 1899/1 BARTHOLOMEW, J. G.
Atlas of meteorology (edited by Alexander Buchan). Constable and Co., Westminster, 1899. 40p.
- 1899/2 HIND, H. Y.
Remarks on the climate of this part of the province (from the proceedings of the Conversazione of the Canadian Institute held in Toronto on Saturday April 3, 1852) in "The Early Days of the Canadian Institute" by Sir Sanford Fleming. Trans. of the Canadian Inst.. Series 4, 6:16-17. 1899.

- 1900/1 DOANE, F. W. W.
Rainfall notes, Nova Scotia. Proc. N.S. Inst. Sci., 10:3:399-401. 1900-1901.
- 1900/2 HANBURY, D. T.
A journey from Chesterfield Inlet to Great Slave Lake 1898-99. Geogr. J., 16:63-77. 1900.
- 1900/3 TYRRELL, J. B.
The basin of the Yukon River in Canada. Scot. geogr. Mag., 16:321-341. 1900.
- 1901/1 CANADA, METEOROLOGICAL SERVICE
Cloud observations during 1896 and 1897 at Toronto. Queen's Printer, Ottawa, 1901. 27p. (See also Roy. Meteor. Soc., Quart. J., 27:195-196. July 1901).
- 1901/2 FRÜH, J.
Föhn in Fort Good Hope 66° 22' N am Mackenzie River (Kanada). Met. Zeit., 18:1:36. Jan. 1901.
- 1901/3 MYERS, U. G.
Yukon weather. Mon. Weath. Rev., 29:309-311. 1901.
- 1902/1 DE LA BARRE, E. B.
Report on the Brown-Harvard Expedition to Nachvak, Labrador in the year 1900. Geogr. Soc., Phila., 3:4:65-212. 1902.
- 1902/2 HENRY, A. J.
Wind velocity and fluctuations of water level on Lake Erie. U.S. Weath. Bur., Washington, 1902. 22p. 25 charts.
- 1902/3 TYRRELL, J. B. and C. C. FAIRCHILD
Report on an exploratory survey between Great Slave Lake and Hudson Bay, Districts of Mackenzie and Keewatin. Canada, Dept. of the Interior, Annual Report 1901, Pt. 3, p.98-155, 209-329. pub. 1902 (reprint 1924).
- 1903/1 BRYCE, P. H.
Climates and health resorts of Canada. Canadian Pacific Railroad, 1903. 44p.
- 1903/2 GARRIOT, E. B.
Storms of the Great Lakes. U.S. Weather Bureau, Washington, 1903. 9p. 968 charts.
- 1903/3 MACOUN, J.
The climate and flora of the Yukon District. Canada Geological Survey, Summer Report 1902. p36-51. pub. 1903.
- 1903/4 STUPART, R. F.
The Canadian climate. Symon's Met. Mag., 38:1-4, Feb.; 31-33, March; 66-70, May 1903.
- 1903/5 WEBBER, B. C.
March winds. Mon. Weath. Rev., 31:3:136-137. March 1903.
- 1903/6 MOSELEY, E. L.
Rainfall and the level of Lake Erie. Nat. Geog. Mag., 14:327-328. 1903.
- 1904/1 DOANE, F. W. W.
Meteorological notes. Proc. N.S. Inst. Sci., 11:3:361-372. 1904-1905.
- 1904/2 GUILLET, C.
Relationship between the weather and plant growth; a comparative study of the last two springs. Ottawa Naturalist, 18:2:40-54. May 1904.
- 1904/3 HANBURY, D. T.
Sport and travel in the northland of Canada. Macmillan Co., New York, 1904. 319p.
- 1904/4 McLEOD, C. H. and H. T. BARNES
Notes on the difference of temperature between McGill College grounds and Mount Royal, Montreal, Canada. Proc. Roy. Soc. Can., Series 2, 10:3:71-126. 1904.
- 1904/5 STUPART, R. F.
Origin of American cold waves. Mon. Weath. Rev., 32:4:176. April 1904 and 37:1:26, Jan. 1909.

- 1905/1 DOANE, F. W. W.
The frost and drought of 1905. Proc. N.S. Inst. Sci., 11:4:623-639. 1905-1906.
- 1905/2 HENRY, A. J.
High water in the Great Lakes. Mon. Weath. Rev., 33:2:6p. Feb. 1905.
- 1905/3 HEPWORTH, M. W. C.
Climatological observations at an Arctic station in Repulse Bay. Roy. Meteor. Soc., Quart. J., 31:317-326. Oct. 1905.
- 1905/4 LOUDON, W. J.
A lunar tide on Lake Huron. Transactions, Royal Astronomical Society of Canada, 1905. p.131-140.
- 1905/5 STUPART, R. F.
The Canadian climate. Report on the Eighth International Geographical Congress, Washington, 1904 (1905). p.294-307.
- 1906/1 CANADA, DEPT. OF MARINE AND FISHERIES
Report on the Dominion Government Expedition to Hudson Bay and The Arctic Islands . . . 1903-1904. King's Printer, Ottawa, 1906. 355p.
- 1906/2 MCLEOD, C. H. and H. T. BARNES
Notes on the difference of temperature between McGill College grounds and Mount Royal, Montreal, Canada. Proc. Roy. Soc. Can. Series 2, 8:3:141-157. 1906.
- 1906/3 PAYNE, H. V.
Rain and snowfall of Canada to the end of 1902. Dept. of Marine and Fisheries, Met. Service, King's Printer, Ottawa, 1906. 188p.
- 1907/1 BUCKINGHAM, H.
The "southwest" or "wet" Chinook. Mon. Weath. Rev., 35:4:175-176. Apr. 1907.
- 1907/2 GRASSHAM, R. T.
The "dry" Chinook in British Columbia. Mon. Weath. Rev., 35:4:176. April 1907.
- 1907/3 LOUDON, W. J.
Tides of Lake Huron. J. R. astr. Soc. Can., 1:181-185. May-June 1907.
- 1907/4 LYDE, L. W.
Climate of the wheat area of Central Canada (abstract only). Roy. Meteor. Soc., Quart. J., 33:55. Jan. 1907.
- 1907/5 MCCURDY, A. W.
Factors which modify the climate of Victoria. Nat. geogr. Mag., 18:5:345-348. May 1907.
- 1907/6 MCLEOD, C. H. and H. T. BARNES
Notes on the difference of temperature between McGill College grounds and Mount Royal, Montreal, Canada. Proc. Roy. Soc. Can. Series 3, 1:3:307. 1907.
- 1907/7 MOHN, H.
Meteorology (Ellesmere Island Stations). A. W. Brogger, (Kristiania), 1907. 399p.
- 1907/8 PEARY, R. E.
Nearest the Pole; a narrative of the polar expedition of . . . 1905-1906. Doubleday, Page & Co., New York, 1907. 411p.
- 1907/9 STUPART, R. F.
Climate of Yukon Territory. Trans. of the Canadian Inst., Series 4, 8:291-295. 1906-1907. (Also Mon. Weath. Rev., 35:16-17. 1907.)
- 1908/1 DENISON, F. N.
Lake undulations. J. R. astr. Soc. Can., 2:251-254. Sept.-Oct. 1908.
- 1908/2 ELVINS, A.
High water in Lake Ontario. J. R. astr. Soc. Can., 2:209-210. July-Aug. 1908.

- 1908/3 LOUDON, W. J.
Lunar tides on Lake Huron. *J. R. astr. Soc. Can.*, 2:82-83. March-April 1908.
- 1908/4 McDIARMID, F. A.
Determination of the 141st meridian. *J. R. astr. Soc. Can.*, 2:84-95. 1908.
- 1908/5 MCKENNA, J. A. J.
The Hudson Bay route, a compilation of facts with conclusions. Canada, Dept. of Interior. King's Printer, Ottawa, 1908. 54p.
- 1908/6 CONGER, N. B.
Storms and ice on the Great Lakes. *Mon. Weath. Rev.*, 36:8:236-244. 1908.
- 1909/1 CANADA, DEPT. OF THE INTERIOR
The Yukon Territory, its history and resources. King's Printer, Ottawa, 1909. 181p.
- 1909/2 CANADA, DEPT. OF MARINE AND FISHERIES
Report on the Dominion Government Expedition to Arctic Islands and the Hudson Strait . . . 1906-1907. Ottawa, 1909. 127p.
- 1909/3 HUTCHINSON, D. L.
Notes on New Brunswick weather for 1908. *Bull. Nat. Hist. Soc. N.B.*, 6:27:-. 1909.
- 1909/4 McINNES, W.
Report on a part of the Northwest Territories drained by the Winisk and Attawapiskat Rivers. King's Printer, Ottawa, 1909. 58p.
- 1910/1 DOANE, F. W. W.
Recent meteorological notes. *Proc. N.S. Inst. Sci.*, 13:1:53. 1910-1911.
- 1910/2 HOBBS, W. H.
Characteristics of the inland-ice of the Arctic regions. *Proc. Amer. Phil. Soc.*, 49:57-129. April 1910.
- 1910/3 KEELE, J.
A reconnaissance across the Mackenzie Mountains on the Pelly, Ross and Gravel Rivers, Yukon and Northwest Territories. King's Printer, Ottawa, 1910. 7p.
- 1910/4 POOLE, H. S.
Comparison of monthly mean temperatures, Halifax, N.S. and Plymouth G.B. *Proc. N.S. Inst. Sci.*, 13:1:52. 1910-1911.
- 1910/5 SHUTT, F. T.
The nitrogen compounds in rain and snow. *Proc. Roy. Soc. Can.*, Series 3, 4:3:55-59. 1910.
- 1910/6 STUPART, R. F.
The Chinook in southern Alberta and temperature inversions at Sulphur Mountain, Banff. *Proc. Roy. Soc. Can.*, Series 3, 4:3:51-52. 1910.
- 1910/7 TYRRELL, J. B.
Ice on Canadian lakes. *Trans. of the Canadian Inst.*, 9:13-21. 1910.
- 1911/1 CANADA, DEPT. OF MARINE AND FISHERIES
Report on the Dominion Government Expedition to the northern waters and the arctic archipelago in 1910 . . . (Ottawa?) (1911?) 161p.
- 1911/2 HUTCHINSON, D. L.
The Saxby gale. *Trans. of the Canadian Inst.*, 9:253-259. 1911.
- 1911/3 STUPART, R. F.
Resultate der meteorologischen Beobachtungen zu Dawson (Yukon Territory), im Jahre 1906. *Met. Zeit.*, 28:176. 1911.
- 1911/4 BARNES, H. T.
The climate of northern Ontario. *Trans. of the Canadian Inst.*, Series 4, 9:149-152. 1911.
- 1913/1 BARNES, H. T.
Ice formation on the St. Lawrence. *Proc. Nat. Ice Assoc. Amer.*, 1913. p.380-391.

- 1913/2 McINNES, W.
The basins of the Nelson and Churchill Rivers. Canada Geological Survey Memoirs No. 30. King's Printer, Ottawa, 1913. 146p.
- 1913/3 MCLEOD, C. H. and H. T. BARNES
Notes on the difference of temperature between McGill College grounds and Mount Royal, Montreal, Canada. Proc. Roy. Soc. Can., Series 3, 7:3:151-152. 1913.
- 1913/4 STUPART, R. F.
The climate of Toronto. In the Natural History of the Toronto Region. Canadian Institute, Toronto, 1913. p.82-90.
- 1913/5 WEBBER, B. C.
Canadian weather forecasting. An addendum to "Gales from the Great Lakes to the Maritime Provinces" covering the years 1905-1912 both inclusive. King's Printer, Ottawa, 1913.
- 1914/1 MCLEOD, C. H. and H. T. BARNES
Notes on the difference of temperature between McGill College grounds and Mount Royal, Montreal, Canada. Proc. Roy. Soc. Can., Series 3, 8: 3:73-74. 1914.
- 1914/2 SCOTIA 1913 "Ice observation, meteorology and oceanography in the North Atlantic Ocean". Report on the work carried out by the S.S. "Scotia" in 1913. His Majesty's Stationery Office, London, 1914. 141p.
- 1914/3 SHUTT, F. T.
The nitrogen compounds in rain and snow. Proc. Roy. Soc. Can., Series 3, 8:3:83-87. 1914.
- 1914/4 STUPART, R. F.
General survey of the climate of Canada. The Canada Year Book, 1914. p.128-139.
- 1914/5 STUPART, R. F.
The climate of south-western Alberta. Trans. Amer. Climatological and Clinical Assn., 30:9-15. 1914.
- 1915/1 BROOKS, C. F.
The snowfall of the Eastern United States. Mon. Weath. Rev., 43:1:2-11. Jan. 1915.
- 1915/2 CANADA, DEPT. OF THE INTERIOR
Report on the climatic and soil conditions in the Canadian Pacific Railway Company's irrigation project, Western Section (near Calgary, Alberta). Ottawa, 1915. 24p.
- 1915/3 CANADA, METEOROLOGICAL SERVICE
The monthly and annual rain and snowfall of Canada from 1903 to 1913. King's Printer, Ottawa, 1915. 207p.
- 1915/4 CONNOR, A. J.
The temperature and precipitation of British Columbia. Met. Service, Toronto, 1915. 90p.
- 1915/5 PATTERSON, J.
A meteorological trip to the Arctic Circle. J. R. astr. Soc. Can., 9:3:101-120. March 1915.
- 1915/6 PATTERSON, J.
Upper air investigation in Canada. Met. Service, Ottawa, 1915. 127p.
- 1915/7 WALLIS, B. C.
I : The rainfall of the Northeastern United States.
II : The distribution of the rainfall in the Eastern United States. Mon. Weath. Rev., 43:1:11-24. Jan. 1915.
- 1916/1 ADAMS, J.
The quantitative study of climatic factors in relation to plant life. Proc. Roy. Soc. Can., Series 3, 10:105-123. Dec. 1916.
- 1916/2 Meteorology of Davis Strait and Baffin Bay. Met. Mag., 51:1100-1101. 1916.

- 1916/3 STUPART, R. F. and R. W. MILLS
Meteorology in relation to agriculture in Canada. International Review of the Science and Practice of Agriculture, 7:2:177-179. Feb. 1916.
- 1916/4 WHEELER, A. O.
Some meteorological phenomena of the Canadian Rockies. Canad. alp. J., 7:71-81. 1916.
- 1917/1 BOWIE, E. H. and R. H. WEIGHTMAN
Types of anticyclones of the United States and their movement. Mon. Weath. Rev., Supplement No. 4, 1917. 25p. and 73 charts.
- 1917/2 COX, J. H.
The influence of the Great Lakes upon movement of high and low pressure areas. Proc. Pan-Amer. Sci. Congr., (second), Washington, Dec. 27, 1915-Jan. 8, 1916. Section 2, 2:432-459. 1917.
- 1917/3 SHUTT, F. T. and R. L. DORRANCE
The nitrogen compounds in rain and snow. Proc. Roy. Soc. Can., Series 3, 11:63-72. 1917.
- 1917/4 STUPART, R. F.
Is the climate changing? J.R. astr. Soc. Can., 11:4:197-207. July-Aug. 1917.
- 1918/1 BROOKS, C. F.
The "old-fashioned" winter of 1917-18. Geogr. Rev., 5:5:405-414. May 1918.
- 1918/2 CONNOR, A. J.
Relation of the weather to the yield of wheat in Manitoba. Mon. Bull. Agric. Statist., Apr. 1918. 11p.
- 1918/3 JEFFERSON, M.
The real temperatures throughout North and South America. Geogr. Rev., 6:3:240-267. Sept. 1918.
- 1919/1 BROOKS, C. E. P.
The meteorology of Hebron, Labrador, 1883 to 1912. Roy. Meteor. Soc., Quart. J., 45:163-167. April 1919.
- 1919/2 CAMSELL, C. and W. MALCOLM
The Mackenzie River Basin. Canada Geological Survey, Memoir 108, Geological Series No. 92. King's Printer, Ottawa, 1919. 154p.
- 1919/3 PATTERSON, J.
The correction factor of the Canada standard anemometer and the most probable maximum velocity and the possible extreme velocity in gusts. Proc. Roy. Soc. Can., Series 3, Section 3, 13:81-96. 1919.
- 1919/4 STANSFIELD, J.
The problem of the "burn-out" district of southern Saskatchewan. Proc. Roy. Soc. Can., Series 3, Section 4, 13:61-66. 1919.
- 1920/1 CONNOR, A. J.
The temperature and precipitation of Alberta, Saskatchewan and Manitoba. Met. Service. King's Printer, Ottawa, 1920. 170p.
- 1920/2 KINDLE, E. M.
Arrival and departure of winter conditions in the Mackenzie River Basin. Geogr. Rev., 10:6:388-399. Dec. 1920.
- 1920/3 McDougall, E. G.
Influence of climate on the yield and quality of sugar beets in Canada. Mon. Bull. Agric. Statist., 13:295-301. Oct. 1920.
- 1920/4 PATTERSON, J.
Pilot-balloon work in Canada. Mon. Weath. Rev., 48:12:697. Dec. 1920.
- 1921/1 CANADA, DEPT. OF THE INTERIOR
New Brunswick, its natural resources. Ottawa, 1921.
- 1921/2 COLEMAN, A. P.
Northeastern part of Labrador and New Quebec. Canada Geological Survey, Memoir 124, Geological series No. 106. King's Printer, Ottawa, 1921. 68p.

- 1921/3 MACOUN, W. T.
Observations on hardness in the colder parts of Canada. Amer. Soc. Hort. Sci. Proc., 1921. p160-165.
- 1921/4 STEFANSSON, V.
The North that never was. World's Work, 43:188-200. 1921.
- 1921/5 STUPART, R. F.
The climate of Canada since Confederation. The Canada Year Book, 1921. p.169-201.
- 1921/6 ESHLEMAN, C. H.
Do the Great Lakes diminish rainfall in the crop growing season? Mon. Weath. Rev., 49:9:500-503. 1921.
- 1922/1 ALBRIGHT, W. D.
Some climatic characteristics of Central Alberta. Bull. Amer. Met. Soc., 3:12:171. Dec. 1922.
- 1922/2 CANADA, DEPT. OF NAVAL SERVICE
Temperatures and densities of the waters of Eastern Canada. Ottawa, 1922. 102p.
- 1922/3 CONNOR, A. J.
Modal atmospheric streaming in wet and dry seasons in the Canadian wheat region. Bull. Amer. Met. Soc., 3:3:35-36. March 1922.
- 1922/4 HAYFORD, J. F.
Effect of winds and of barometric pressures on the Great Lakes. Pub. No. 317, Carnegie Institute of Washington, 1922. 133p.
- 1922/5 LEE, S. C.
Some phases of the climate of Manitoba in relation to agriculture. Bull. Amer. Met. Soc., 3:3:36. March 1922.
- 1922/6 STEFANSSON, V.
The northward course of empire. Harcourt, Brace and Co., New York, 1922. 274p.
- 1922/7 STUPART, R. F.
The factors which control Canadian weather. The Canada Year Book, 1922-23. p.39-43.
- 1922/8 STUPART, R. F.
The Meteorological Service of Canada. The Canada Year Book, 1922-23. p.43-59.
- 1923/1 CANADA, DEPT. OF THE INTERIOR
Natural resources of the Prairie Provinces. Ottawa, 1923.
- 1923/2 CHAMBERLIN, T. C.
Significant ameliorations of present Arctic climates. J. Geol., 3:376-406. 1923.
- 1923/3 PEATTIE, R.
Climate in the lower St. Lawrence Valley. Bull. Geogr. Soc. Phila., 21:31-36. 1923.
- 1923/4 STUPART, R. F.
Meteorological stations in high latitudes. Bull Amer. Met. Soc., 4:1:1-8. Jan. 1923.
- 1924/1 DAY, P. C.
Monthly normals of sea level pressure for the United States, Canada, Alaska, etc. Mon. Weath. Rev., 52:34-35. 1924.
- 1924/2 HUNTINGTON, E.
Civilization and climate, (Third Edition). Yale University Press, New Haven, 1924. 453p.
- 1924/3 KINDLE, E. M.
Geography and geology of Lake Melville District, Labrador Peninsula. Canada. Geological Survey, Memoir 141, Geological series No. 120. King's Printer, Ottawa, 1924. 105p.

1924-1928

- 1924/4 STUPART, R. F.
The climate of Canada. In *Handbook of Canada*, University of Toronto, 1924. p.106-114.
- 1924/5 STUPART, R. F.
The factors which control Canadian weather. 7p. The Meteorological Service of Canada. 16p. The Canada Year Book, 1924.
- 1924/6 STUPART, R. F.
History of meteorology in North America since 1848. Bull. Amer. Met. Soc., 5:1:1-6. Jan. 1924.
- 1924/7 STUPART, R. F.
The variableness of Canadian winters—abstract of paper given at British Association meetings in Toronto. Bull. Amer. Met. Soc., 5:8:120. Aug. 1924.
- 1925/1 DENISON, F. N.
The climate of British Columbia. Mon. Weath. Rev., 53:8:354. Aug. 1925.
- 1925/2 HOWE, G. F.
The summer and winter weather of selected cities in North America. Mon. Weath. Rev., 53:10:427-30. Oct. 1925.
- 1925/3 KINDLE, E. M.
The James Bay coastal plain, notes on a journey. Geogr. Rev., 15:226-236. 1925.
- 1925/4 McDougall, E.
The moisture belts of North America. Ecology, 6:325-332. 1925.
- 1925/5 MUNNS, T.
A waterspout in latitude 53° N. Mon. Weath. Rev., 53:9:399. Sept. 1925.
- 1926/1 CONNOR, A. J.
The distribution of precipitation in Canada. The Canada Year Book, 1926. p.42-46.
- 1926/2 DAY, P. C.
Precipitation in the drainage area of the Great Lakes, 1875-1924. Mon. Weath. Rev., 54:3:85-106. March 1926.
- 1926/3 FREEMAN, J. R.
Regulation of elevation and discharge of the Great Lakes; design for gates, sluices, locks, etc., in the Niagara and St. Clair Rivers; revised Oct. 1, 1926. Sanitary District of Chicago, Chicago, 1926. 548p.
- 1926/4 PATTERSON, J.
The cup anemometer. Proc. Roy. Soc. Can., Series 3, Section 3, 20:53. 1926.
- 1926/5 STUPART, R. F.
Barometric pressure in Northwestern America and the temperature of the Pacific currents. Proc. Pan-Pacif. Sci. Congr. (third), Tokyo. 1926.
- 1927/1 CLAYTON, H. H. et al
World weather records. Smithsonian Miscellaneous Collections, Vol. 79. Smithsonian Institute, Washington, D.C., 1927. 1199p.
- 1927/2 VAN ROYEN, W.
The climatic regions of North America. Mon. Weath. Rev., 54:315-19, 410-12. 1927.
- 1927/3 HORTON, R. E. and C. E. GRUNSKY
Hydrology of the Great Lakes. Report to the Engineering Board of Review of the Sanitary District of Chicago on the lake lowering controversy and a program of remedial measures. Part 3, appendix 2, Chicago, 1927. 432p.
- 1928/1 DOLE, R. M.
Snow squalls of the Lake region. Mon. Weath. Rev., 56:12:512-513. Dec. 1928.
- 1928/2 HARRINGTON, E. L.
Soil temperatures in Saskatchewan. Soil Sci., 25:3:183-194. March 1928.
- 1928/3 HENRY, A. J.
Whence come cold waves? Mon. Weath. Rev., 56:142-144. 1928.

- 1928/4 McLEAN, N. B.
Report of the Hudson Strait Expedition to Dec. 31, 1927. King's Printer, Ottawa, 1928. 76p.
- 1928/5 NORDENSKJOLD, O. and L. MECKING
The geography of the polar regions. American Geographical Society, Special Pub. No. 8, New York, 1928. 338p.
- 1928/6 STUPART, R. F.
The influence of Arctic meteorology in the climate of Canada especially in problems of polar research. American Geographical Society, Special Pub. No. 7, New York, 1928. p.39-50.
- 1929/1 BELL, J. M.
Great Slave Lake. Proc. Roy. Soc. Can., Series 3, 23:4:5-38, May 1929. (see also Geogr. Rev., 19:556-580. 1929).
- 1929/2 DAW, J. E.
Sea fog in the Gaspé Peninsula. Bull. Amer. Met. Soc., 10:6-7:143-144. June-July, 1929.
- 1929/3 McLEAN, N. B.
Report of the Hudson Strait Expedition 1927-28. King's Printer, Ottawa, 1929. 221p.
- 1929/4 STUPART, R. F.
The climate of Canada. The Canada Year Book, 1929. p.42-51.
- 1930/1 BERRY, E. W.
The past climate of the north polar region. Smithsonian Miscellaneous Collections, Vol. 86. Smithsonian Institute, Washington, 1930. 29p.
- 1930/2 BLANCHET, G. H.
Keewatin and northeastern Mackenzie. A general survey . . . of this section of the N.W.T., Canada. Canada, Dept. of Interior, N.W.T. and Yukon Branch. King's Printer, Ottawa, 1930. 78p.
- 1930/3 BOGUE, A. H.
The relationship between the yield of wheat in the Prairie Provinces and the weather. Mon. Bull. Agric. Statist., 23:265:312-317. Sept. 1930.
- 1930/4 CONNOR, A. J.
The temperature and precipitation of Northern Canada. The Canada Year Book, 1930. p.41-56.
- 1930/5 DEBENHAM, F.
The Polar regions. E. Benn, London, 1930. 80p.
- 1930/6 HUNTSMAN, A. G.
Arctic ice on our Eastern coast. Biological Board of Canada, Bulletin XII, Toronto, 1930. 12p.
- 1930/7 JOHNSTON, W. A.
Frozen ground in the glaciated parts of Northern Canada. Proc. Roy. Soc. Can., Series 3, Section 4, 24:31-40. 1930.
- 1931/1 CONNOR, A. J.
Meteorological tables. The Canada Year Book, 1931. p.47-76.
- 1931/2 CONNOR, A. J.
Agriculture, climate and population of the Prairie Provinces of Canada. Dominion Bureau of Statistics, Ottawa, 1931. p.9-21.
- 1931/3 KOEPPE, C. E.
The Canadian climate. McKnight and McKnight, Bloomington, Ill., 1931. 280p.
- 1931/4 MARIS, H. B.
A Fort Conger Polar Expedition Program. Trans. Amer. Geophys. Un., 1931. p.142-144.
- 1931/5 PATTERSON, J.
Airship meteorology. Bull. Amer. Met. Soc., 12:1:1-6. Jan. 1931. 12:2:27-34. Feb. 1931.

1931-1933

- 1931/6 THORNTHTHWAITE, C. W.
The climates of North America according to a new classification. Geogr. Rev., 21:4:633-655. Oct. 1931.
- 1931/7 WEIGHTMAN, R. H.
Snow cover in Southern Canada as related to temperatures in the North Atlantic States and the Lake Region. Mon. Weath. Rev., 59:10:383-386. Oct. 1931.
- 1932/1 The British Polar Expedition to Fort Rae. Met. Mag., 67:249-252. Dec. 1932.
- 1932/2 DENISON, F. N.
The remarkably heavy precipitation at Henderson Lake, Vancouver Island, B.C. Mon. Weath. Rev., 60:12:252. Dec. 1932.
- 1932/3 FRENCH, R. de L.
Snowfall in Montreal. Canad. J. Res., 6:5:560-570. May 1932.
- 1932/4 GRAARUD, A.
Meteorology; observations arranged and reduced. In the Scientific results of the Norwegian Arctic Expedition in the Gjoa, 1903-1906, Pt. 1, No. 3. Geofys. Publ., 6:29-248. 1932.
- 1932/5 MIRRLEES, S. T.
Summer weather in Ungava Bay. Met. Mag., 67:156-158, 1932.
- 1932/6 PATTERSON, J.
Canada's program for the International Polar Year 1932-33. Bull. Amer. Met. Soc., 13:8-9:144-146. Aug.—Sept. 1932.
- 1932/7 POWELL, L. B.
Tree rings and wheat yields in southern Saskatchewan. Mon. Weath. Rev., 60:11:220-221. Nov. 1932.
- 1932/8 REED, T. R.
Weather types of the Northeast Pacific Ocean as related to the weather of the North Pacific Coast. Mon. Weath. Rev., 60:12:246-252. Dec. 1932.
- 1933/1 BARRON, W. E. and C. J. ROOT
(Four short notes on the Prairie summer weather of 1933). Bull. Amer. Met. Soc., 14:10:243-244. Oct. 1933.
- 1933/2 BIRKET-SMITH, K.
Geographical notes on the Barren Grounds. Fifth Thule Expedition. Report 1921-24, 1:4. Copenhagen, 1933. 128p.
- 1933/3 CONNOR, A. J.
Droughts in Western Canada. The Canada Year Book, 1933. p.47-59.
- 1933/4 HACHEY, H. B.
The temperature relations between water and air at St. Andrews, N.B. Mon. Weath. Rev., 61:9:264-266. Sept. 1933.
- 1933/5 HARRISON, L. P.
The mean barometric pressures along the various circles of latitude—a résumé of data. Mon. Weath. Rev., 61:293-295. 1933.
- 1933/6 MACDONALD, C. S.
The Northwest Territories of Canada. Canad. Surveyor, 4:3-15. 1933.
- 1933/7 MCKIBBON, R. R.
Climate and soil leaching variations in Quebec. Sci. Agric., 13:7:413-425. Mar. 1933.
- 1933/8 PATTERSON, J.
The development of meteorological science. J.R. astr. Soc. Can., 27:8:313-336. Oct. 1933.
- 1933/9 STAGG, J. M.
The British Polar Year Expedition 1932-33. The Beaver, March 1933. p.20-22.
- 1933/10 WILLETT, H. C.
American air mass properties. Papers in physical oceanography and meteorology. Massachusetts Institute of Technology and Woods Hole Oceanographic Institute, 2:2. June 1933.

- 1934/1 BARRON, W. E.
Heavy hail losses in Western Canada. Bull. Amer. Met. Soc. 15:12:308-309. December 1934.
- 1934/2 BLAIR, T. A.
Seasonal pressures over the Pacific Ocean and Alaska in relation to subsequent winter temperatures in interior North America. Proc. Pacif. Sci., Congr. (fifth), 3:A4.45:1949-1964. 1934.
- 1934/3 Brief notes on the winter of 1933-34, James Bay Region. The Beaver, June 1934. p.62.
- 1934/4 CLAYTON, H. H. et al
World weather records. Smithsonian Miscellaneous Collections. Vol. 90, (1921-1930). Smithsonian Institute, Washington, D.C., 1934. 616p.
- 1934/5 CRAIGIE, J. H.
Spread of plant disease as influenced by meteorological conditions. Proc. Pacif. Sci., Congr. (fifth), 3:A4.14:1741-1747. 1934.
- 1934/6 DENISON, F. N.
Weather cycles on the North Pacific. Proc. Pacif. Sci. Congr. (fifth), 3:A4.23: 1785-1787. 1934.
- 1934/7 FROST, R. L.
A climatological review of the Alaska-Yukon plateau. Mon. Weath. Rev., 62:8:269-280. Aug. 1934.
- 1934/8 HACHEY, H. B.
North Atlantic cyclones and coastal waters. Fisheries Research Board Progress report (Atlantic) No. 11, 1934. p.6-9.
- 1934/9 HACHEY, H. B.
The weather man and coastal fisheries. Trans. Amer. Fish. Soc., 64:382-389. 1934.
- 1934/10 HOVDE, M. R.
The great dust storm of November 12, 1933. Mon. Weath. Rev., 62:1:12-13. January 1934.
- 1934/11 LILLY, J. E.
Meteorological observations during the Second International Polar Year. Canad. Surveyor., 4:11:11-14. 1934.
- 1934/12 MATH, F. A.
Battle of the Chinook wind at Havre, Mont. Mon. Weath. Rev., 62:2:54-58. Feb. 1934.
- 1934/13 MIDDLETON, W. E. K.
Climate and weather of the Eastern Arctic. In Canada's Eastern Arctic. Department of Interior, Lands, Northwest Territories and Yukon Branch. King's Printer, Ottawa. 1934. p.25-32.
- 1934/14 MILLER, E. R.
The dustfall of November 12-13, 1933. Mon. Weath. Rev., 62:1:14-15. Jan. 1934.
- 1934/15 PATTERSON, J.
The winds at Victoria and Estevan Point, B.C., Canada. Proc. Pacif. Sci. Congr. (fifth), 1:3:7:681. 1934.
- 1934/16 PATTERSON, J.
Water temperatures on the Pacific and their effect on the weather of Canada. Proc. Pacif. Sci. Congr. (fifth), 3:A4.22:1775-1783. 1934.
- 1934/17 PATTERSON, J.
The height of the tropopause at Calgary, Alberta and Goderich, Ontario during the Second International Polar Year 1932-33. Met. Mag., 69:166-167. Aug. 1934.
- 1934/18 PIERCE, C. H.
The cold winter of 1933-34. Bull. Amer. Met. Soc., 15:3:61-78. March 1934.

1934-1936

- 1934/19 SCHOTT, G.
The distribution of rain over the Pacific Ocean. Proc. Pacif. Sci. Congr. (fifth,) 3: A4.51: 1987-1990. 1934.
- 1934/20 STAGG, J. M.
British Polar Year Expedition to Fort Rae, Northwest Canada, 1932-33. Roy. Meteor. Soc., Quart. J., 60:253-263. July 1934.
- 1934/21 THOMSON, W. A.
Soil temperatures at Winnipeg, Manitoba. Sci. Agric., 15:4:209-217. Dec. 1934.
- 1934/22 WALKER, G. T.
Seasonal fluctuations in the North Pacific Ocean. Proc. Pacif. Sci. Congr. (fifth), 3:A4.44:1945-1947. 1934.
- 1935/1 CARTER, H. G.
Climatic trend in the Pacific Northwest. Mon. Weath. Rev., 63:1:19-23. Jan. 1935.
- 1935/2 CHAPMAN, S.
The lunar atmospheric tide over Canada. Roy. Meteor. Soc., Quart. J., 61:261:359-365. July 1935.
- 1935/3 HACHEY, H. B.
The effect of a storm on an inshore area with markedly stratified waters. J. Biol. Bd. Can., 1:227-237. 1935.
- 1935/4 HOPKINS, J. W.
Weather and wheat yield in Western Canada, Part 1. Canad. J. Res., 12:3:306-335. Mar. 1935.
- 1935/5 HOPKINS, J. W. and M. F. JAMES.
Temperature, wind, humidity and evaporation in agricultural meteorology. Canad. J. Res., C, 13:4:191-201. Oct. 1935.
- 1935/6 MAIN, T. C.
Water conservation in the Prairie Provinces. Engng J., Montreal, 18:4:212-218, 221-231. Apr. 1935.
- 1935/7 MIDDLETON, W. E. K.
The climate of the Gulf of St. Lawrence and surrounding regions in Canada and Newfoundland as it affects aviation. Canadian Meteorological Memoirs, 1:1:1-40. 1935.
- 1935/8 PATTERSON, J.
Precipitation in the Prairie Provinces. Engng J., Montreal, 18:4:176-180. April 1935.
- 1935/9 PERRY, P. C.
The surface waters of the Canadian Prairie. Engng J., Montreal, 18:4:204-211. Apr. 1935.
- 1935/10 ROKEBY-THOMAS, H. R.
High northern weather. The Beaver, December 1935. p.32-33.
- 1935/11 THOMSON, A.
Variability of Canadian winters. J.R. astr. Soc. Can., 29:4:129-139. Apr. 1935.
- 1935/12 THOMSON, A.
Lunar atmospheric tides over Canada. J.R. astr. Soc. Can., 29:10:375-380. Dec. 1935.
- 1935/13 WHEELER, E. P.
The Nain-Okak section of Labrador. Geogr. Rev., 25:240-254. 1935.
- 1936/1 BROOKS, C. F., A. J. CONNOR et al
Climatic maps of North America. Harvard University Press, Cambridge, Mass., 1936. (26 charts).
- 1936/2 CONNOR, A. J.
The climate of Canada. Handbuch der Klimatologie, Vol. II, Part J, ed. by W. Köppen and R. Geiger, Berlin, 1936. p.332-424.

- 1936/3 CROWE, P. R.
The rainfall regime of the Western plains. Geogr. Rev., 26:3:463-484. July 1936.
- 1936/4 ELLIS, J. H., W. H. SHAFER and O. G. CALDWELL
The recent drought situation in southwestern Manitoba. Sci. Agri., 16:9:478-488. May 1936.
- 1936/5 The freezing of Niagara Falls. Scot. geogr. Mag., 52:4:253-254. July 1936.
- 1936/6 HOPKINS, J. W.
Agricultural meteorology: some characteristics of precipitation in Saskatchewan and Alberta. Can. J. Res., C, 14:9:319-346. Sept. 1936.
- 1936/7 HOPKINS, J. W.
Weather and wheat yield in Western Canada, Part 2. Can. J. Res., C, 14:229-244. 1936.
- 1936/8 JOHNSON, H. N.
Dry chinook wind. Bull. Amer. Met. Soc., 17:1:23-27. Jan. 1936.
- 1936/9 KULLMER, C. J.
A prediction of the number of storms to be expected in Western Canada in the years 1936-1939. Bull. Amer. Met. Soc., 17:8-9:260-261. Aug.-Sept. 1936.
- 1936/10 MACKENZIE, C. J. and E. K. PHILLIPS
Rainfall intensities at Saskatoon, Saskatchewan. Engng J., Montreal, 19:8:373-374. Aug. 1936.
- 1936/11 MIDDLETON, W. E. K. and F. G. MILLAR
Temperature profiles in Toronto. J.R. astr. Soc. Can., 30:7:265-272. Sept. 1936.
- 1936/12 RICHARDSON, R. W.
Winter air mass convergence over the North Pacific. Mon. Weath. Rev., 64:6:199-203. June 1936.
- 1936/13 SHAW, E. B.
The Newfoundland forest fire of August 1935. Mon. Weath. Rev., 64:5:171-175. May 1936.
- 1936/14 STONE, R. G.
Fog in the United States and adjacent regions. Geogr. Rev., 26:1:111:134. Jan. 1936.
- 1936/15 SVERDRUP, H. U.
Übersicht über das Klima des Polarmeeres und des kanadischen Archipels. Handbuch der Klimatologie, Part K, ed. by W. Köppen and R. Geiger, Berlin. 1936. p.5-30.
- 1936/16 THOMSON, A.
Sunspots and weather forecasting in Canada. J.R. astr. Soc. Can., 30:6:215-232. July-Aug. 1936.
- 1936/17 WEXLER, H.
Cooling in the lower atmosphere and the structure of polar continental air. Mon. Weath. Rev., 64:4:122-136. Apr. 1936.
- 1937/1 The atmosphere of Halifax. Lancet, 1:1299, London, May 29, 1937.
- 1937/2 BERRY, A. E.
Effect of drought conditions in Ontario. Canad. Engr., 72:19:18-21 May 1937. (Discussion p.21-22).
- 1937/3 BOUGHNER, C. C.
The climate of Canada. Roy. Meteor. Soc., Quart. J., 63:419-431. July 1937.
- 1937/4 British polar year expedition, Fort Rae, N.W.T., Canada, 1932-33. British National Committee for the Polar Year. The Royal Society, London. 1937. Vol. I - Discussion of results; meteorology . . . Vol. II - Tables. (Reviewed by V. Conrad in Bull. Amer. Met. Soc. 22:2:89-91. Feb. 1941).

- 1937/5 CONNOR, A. J.
Climate and weather of the Arctic. In Canada's Western Northland 1937. Canada, Dept. of Mines and Resources, Lands, Parks, and Forests Branch. King's Printer, Ottawa, 1937. p.44-47.
- 1937/6 DÖLL, L.
Klima und Wetter an der Küste von Labrador. Aus d. Arch. dtsch. Seew., 57:2. Hamburg, 1937. 51p.
- 1937/7 FARROW, R. C.
Snowfall and runoff in the Canadian Columbia Basin: a study to determine the ideal locations for snow-survey stations. Trans. Amer. Geophys. Un., July 1937. p.632-644.
- 1937/8 FRANCE, MARINE HYDROGRAPHIC SERVICE
St. Laurent. Instructions nautiques No. 388, Météorologie. Paris, 1937. p.3-15.
- 1937/9 GREAT BRITAIN, AIR MINISTRY, MET OFFICE, OVERSEAS DIV.
Report on the meteorology of Newfoundland. Atlantic Met. Report No. 3, Jan. 1937. 43p.
- 1937/10 HANZLIK, S.
The Hale double solar-cycle rainfall in Western Canada. Bull. Amer. Met. Soc., 18:2:60-62. Feb. 1937.
- 1937/11 HOPKINS, J. W.
Agricultural meteorology: some characteristics of air temperature in Alberta and Saskatchewan. Canad. J. Res., C, 15:461-491. Oct. 1937.
- 1937/12 MILLAR, F. G.
Evaporation from free water surfaces. Canadian Meteorological Memoirs, 1:2:43-65. 1937.
- 1937/13 NESBITT, L. D.
The weather in the west. Supplement to the Bank of Montreal business summary. Sept. 1937. 3p.
- 1937/14 ROSE, J. K.
Weather and wheat yield in Western Canada. Geogr. Rev., 27:1:140-142. Jan. 1937.
- 1937/15 TREWARTH, G. T.
An introduction to weather and climate. McGraw-Hill, New York, 1937. 373p.
- 1937/16 TULLY, J. P.
Why is the water along the west coast of Vancouver Island so cold? Canada, Fisheries Research Board, Progress Report No. 34, 1937. p.13-15.
- 1937/17 WEXLER, H.
Formation of polar anticyclones. Mon. Weath. Rev., 65:6:229-236. June 1937.
- 1938/1 ANTEVS, E.
Climatic variations during the last glaciation in North America. Bull. Amer. Met. Soc., 19:5:172-176. May 1938.
- 1938/2 BARRETT, H. M.
Atmospheric pollution in Toronto, Canada. Canad. publ. Hlth. J., 29:1-12. Jan. 1938.
- 1938/3 CHURCH, P. E.
A zone of stagnation between gorge and gradient wind in British Columbia fiords. Bull. Amer. Met. Soc., 19:8:344-346. Oct. 1938.
- 1938/4 CHURCH, P. E.
Surface details of a warm front in the Strait of Juan de Fuca. Bull. Amer. Met. Soc., 19:9:400-402. Nov. 1938.
- 1938/5 DE LURY, R. E.
Sunspot influences. J.R. astr. Soc. Can., 32:3:105-132. Mar. 1938; 32:4:161-182. Apr. 1938.

- 1938/6 HACHEY, H. B.
"Jellyfish" forecast the hurricane of Sept. 31st. Fisheries Research Board Progress Report (Atlantic) No. 23, 1938. p.13-15.
- 1938/7 HAURWITZ, B. and J. R. H. NOBLE
Maps of pressure distribution in the middle troposphere applied to polar anticyclones. Bull. Amer. Met. Soc., 19:3:107-111. March 1938.
- 1938/8 HAURWITZ, B. and W. E. TURNBULL
Relations between interdiurnal pressure and temperature variations in troposphere and stratosphere over North America. Canadian Meteorological Memoirs, 1:3:67-92. 1938.
- 1938/9 HINTON, E.
Forecasting run-off in Newfoundland by International Power and Paper Co. of Newfoundland Ltd. International Union of Geodesy and Geophysics, International Association of Hydrology. Sci. Bull. No. 23, 1938. p.195-212.
- 1938/10 HOPKINS, J. W.
Agricultural meteorology and crop forecasting in Western Canada. J. Amer. Soc. Agron., 30:314-322. 1938.
- 1938/11 HOPKINS, J. W.
Agricultural meteorology; correlation of monthly precipitation in central and southern Alberta and Saskatchewan with latitude, longitude and altitude. Canad. J. Res., C,16:6:214-224. May 1938.
- 1938/12 HOPKINS, J. W.
Agricultural meteorology: correlation of air temperatures in central and southern Alberta and Saskatchewan with latitude and longitude and altitude. Canad. J. Res., C,16:16-26. Jan. 1938.
- 1938/13 LAMB, W. A. and O. H. HOOVER
International forecasting and apportionment of waters by United States and Canada in St. Marys and Milk River drainage basins (Montana, U.S.A.—Alberta and Saskatchewan, Canada). International Union of Geodesy and Geophysics, International Association of Hydrology. Sci. Bull. No. 23. 1938. p.169-193.
- 1938/14 MACDONALD, W. F.
Atlas of climatic charts of the oceans. U.S. Weather Bureau, Report No. 1247, 1938. 129 charts.
- 1938/15 McTAGGART-COWAN, P. D.
Transatlantic meteorology. Flight, 33:4-7. 1938.
- 1938/16 McTAGGART-COWAN, P. D.
Transatlantic aviation and meteorology. J.R. astr. Soc. Can., 32:5:217-231. May-June 1938.
- 1938/17 PATTERSON, J.
The precipitation of the Grand and Thames River Basins. Engng J., Montreal, 21:2:53-59. Feb. 1938.
- 1938/18 PUTNAM, D. F. and L. J. CHAPMAN
The climate of southern Ontario. Sci. Agric. 18:8:401-446. April 1938. (In condensed form by L.J. Chapman in Canad. geogr. J., 17:3:136-141. Sept. 1938).
- 1938/19 Remarkable chinook in Alberta. Bull. Amer. Met. Soc., 19:9:408-409. Nov. 1938.
- 1938/20 SLOCUM, G.
The normal temperature distribution of the surface water of the Western North Atlantic Ocean. Mon. Weath. Rev., 66:2:39-43. Feb. 1938.
- 1938/21 SLOCUM, G.
Sea-surface temperature summary for the vicinity of the Grand Banks 1912-31. Mon. Weath. Rev., 66:6:194-195. June 1938.
- 1938/22 SLOCUM, G.
Sea-surface temperature summary for waters off the coast of North-western United States and southern Vancouver Island 1912-29. Mon. Weath. Rev., 66:12:435-436. Dec. 1938.

1938-1940

- 1938/23 STUART, D.
The Canadian desert. The Ryerson Press, Toronto, 1938. 88p.
- 1938/24 TAYLOR, G.
The climate and crop isopleths for southern Ontario. Econ. Geogr., 14:1:89-97.
Jan. 1938.
- 1938/25 WILSON, C. F.
Relations between weather factors and wheat yields in Western Canada.
(Proc. of the Tenth Annual Meeting of Canad. agric. Economics Society)
June 1938. p.73-86.
- 1938/26 HOPE, E. C.
Weather and crop history in Western Canada. Canadian Society of Technical
Agriculturists, 16:347-353. March 1938.
- 1938/27 MARR, N.
Surface run off in the Thames and Grand river basins in Ontario. Engng.
J., Montreal, 21:2:-. Feb. 1938.
- 1939/1 CONNOR, A. J.
The climate of Manitoba. Economic Survey Board, Province of Manitoba
(Winnipeg) Project No. 15, 1939. 163p.
- 1939/2 HACHEY, H. B.
Surface water temperatures of the Canadian Atlantic Coast. J. Fish. Res.
Bd. Can., 4:5:378-391. 1939.
- 1939/3 HOPKINS, J. W.
Agricultural meteorology: some characteristics of winds in Alberta and
Saskatchewan. Canad. J. Res., C, 17:1:4-24. Jan. 1939.
- 1939/4 MOSBY, O.
From the northwestern North Atlantic. Norsk. geogr. Tidsskr., Bd. 7:Heft
5-8:253-272. 1939.
- 1939/5 ARCHIBALD, S. W.
Ontario stream control. Can. Engr., 76:9-12. April 1939.
- 1940/1 BOUGHNER, C. C.
The climate of the Atlantic Provinces. Public Affairs, 3:3:114-118. Institute
of Public Affairs, Dalhousie University, Halifax, March 1940.
- 1940/2 BROWN, R. H.
The first century of meteorological data in America. Mon. Weath. Rev.,
68:5:130-133. May 1940.
- 1940/3 CANADA, DEPT. OF MINES AND RESOURCES
Sailing directions for the Hudson Bay route ... Hydrographic and Map Service,
Ottawa, 1940.
- 1940/4 CANADA, DIVISION OF METEOROLOGICAL SERVICES
Canadian polar year expeditions 1932-33. Vol. 1, Meteorology. King's Printer,
Ottawa, 1940. 452p.
- 1940/5 CARPENTER, A. B.
Occlusions on the Alaskan coast. Bull. Amer. Met. Soc., 21:8:327-332. Oct.
1940.
- 1940/6 Hydrology of the Great Lakes. Trans. Amer. Soc. Civ. Engrs., 105:794-817. October
1940. (Discussion p.818-849).
- 1940/7 JOHNSON, L. P. V.
Relation of sunspot periodicity to precipitation, temperature and crop yields
in Alberta and Saskatchewan. Canad. J. Res., C, 18:3:79-81. March 1940.
- 1940/8 Meteorologische Beobachtungen im Labrador während des 2. internationalen
Polarjahres 1932-33. Aus d. Arch. dtsch. Seew., 60:8. 1940. 41p.
- 1940/9 MONSINGER, M. N.
The weather in Toronto—1939. J.R. astr. Soc. Can., 34:1:27-28. Jan. 1940.
- 1940/10 PATTERSON, J.
A century of Canadian meteorology. Roy. Meteor. Soc., Quart. J., (Suppl.)
66:16-33. 1940.

- 1940/11 PUTNAM, D. F.
The climate of the Maritime Provinces. *Canad. geogr. J.*, 21:3:134-147. Sept. 1940.
- 1940/12 SCHELL, I. I.
Polar ice as a factor in seasonal weather. *Mon. Weath. Rev.*, (Suppl.) 39:27-51. 1940.
- 1940/13 THIESSEN, A. D.
The founding of the Toronto Magnetic Observatory and the Canadian Meteorological Service. *J.R. astr. Soc. Can.*, 34:7:308-348. Sept. 1940.
- 1940/14 THORN, W. A.
Recent developments in the British Columbia Meteorological Division. *Bull. Amer. Met. Soc.*, 21:1:10-12. Jan. 1940.
- 1941/1 BAJKOV, A. D.
The ice conditions of Hudson Bay. *The Beaver*, 271:4:15-19. 1941.
- 1941/2 BYERS, H. R. and V. P. STARR
The circulation of the atmosphere in high latitudes during winter. *Mon. Weath. Rev.*, (Suppl.) 47:34p. 1941.
- 1941/3 CONNOR, A. J.
Snowfall maps of Canada. *Proc. Cent. Snow Conf.*, 1:153-159. Michigan State College, East Lansing, 1941.
- 1941/4 Historical summary of the yearly precipitation recorded at Montreal from 1861 to 1941. In *Quebec Statistical Year Book*, 1941. p.58.
- 1941/5 HOPKINS, J. W.
Agricultural meteorology: summer sequence of monthly mean temperature at Winnipeg, Swift Current and Edmonton. *Canad. J. Res.*, C, 19:12:485-492. Dec. 1941.
- 1941/6 HOPKINS, J. W.
Agricultural meteorology: seasonal incidence of rainless and rainy periods at Winnipeg, Swift Current and Edmonton. *Canad. J. Res.*, C, 19:8:267-277. Aug. 1941.
- 1941/7 HOPKINS, J. W.
Agricultural meteorology: monthly sequence of summer precipitation at Winnipeg, Swift Current and Edmonton. *Canad. J. Res.*, C, 19:4:85-94. Apr. 1941.
- 1941/8 LEIGHLY, J.
Effect of the Great Lakes on the annual march of air temperature in their vicinity. *Pap. Mich. Acad. Sci.*, p.377-417. 1941.
- 1941/9 OSMOND, H. W.
The Chinook wind east of the Canadian Rockies. *Canad. J. Res.*, A, 19:1:57-66. Apr. 1941.
- 1941/10 PENNER, C. M.
The effects of tropospheric and stratospheric advection on pressures and temperature variations. *Canad. J. Res.*, A, 19:1:1-20. Jan. 1941.
- 1941/11 RIPLEY, P. O.
Observations on snow cover as affecting farm crops. *Proc. Cent. Snow Conf.*, 1:116-126. Michigan State College, East Lansing, 1941.
- 1941/12 SHERIDAN, L. W.
The influence of Lake Erie on local snows in western New York. *Bull. Amer. Met. Soc.*, 22:10:393-395. Dec. 1941.
- 1941/13 TAYLOR, G.
The climates of Canada. *The Canadian Banker*, 49:1:34-59. Oct. 1941.
- 1941/14 THIESSEN, A. D.
Her Majesty's Magnetical and Meteorological Observatory, Toronto. *J.R. astr. Soc. Can.*, 35:4:141-150. Apr. 1941; 35:5:205-224. May-June 1941.
- 1941/15 U.S. DEPARTMENT OF AGRICULTURE
Climate and Man, *Yearbook of Agriculture*. Washington, 1941. 1248p.

- 1942/1 AUSTIN, J. M.
Climatology of the North Atlantic. Massachusetts Institute of Technology,
Dept. of Met. Report, Cambridge, 1942.
- 1942/2 BLAIR, T. A.
Climatology, general and regional. Prentice-Hall, New York, 1942. 484p.
- 1942/3 CONRAD, V.
World climate and world war. Bull. Amer. Met. Soc., 23:6:264-273. June 1942.
- 1942/4 DAGENAIS, P.
Le climat de la province de Québec. L'actualité économique, 1:2:101-123.
May 1942.
- 1942/5 FARROW, R. C.
Forecasting run-off from snow surveys. Geogr. J., 100:5/6:206-222. Nov-Dec. 1942.
- 1942/6 Historical summary of the yearly precipitation recorded at Quebec from 1870 to
1942. In Quebec Statistical Yearbook, 1942-43. p.62.
- 1942/7 LEMONS, H.
Hail in high and low latitudes. Bull. Amer. Met. Soc., 23:2:61-68. Feb. 1942.
- 1942/8 LONGLEY, R. W.
The frequency distribution through the year of abnormally high and low
daily mean temperatures at Toronto. J.R. astr. Soc. Can., 36:225-236. July-Aug. 1942.
- 1942/9 PUTNAM, D. F.
The climate of southern Ontario and its relation to the distribution of vegetation.
The School, (Secondary Edition), 31:4:332-336. Dec. 1942.
- 1942/10 RAUP, H. M.
A bibliography of Northern Canadian climate and vegetation zones. In
"Botanical Problems in Boreal America", Bot. Rev., 7:3:147-248. Reviewed in
Bull. Amer. Met. Soc., 23:10:413-414. Dec. 1942.
- 1942/11 REMICK, J. T.
The effect of Lake Erie on the local distribution of precipitation in winter.
Bull. Amer. Met. Soc., 23:1:1-4. Jan. 1942; 23:3:111-117. Mar. 1942.
- 1942/12 THIESSEN, A. D.
Her Majesty's Magnetical and Meteorological Observatory, Toronto. J.R.
astr. Soc. Can., 36:2:61-65. Feb. 1942; 36:10:457-472. Dec. 1942.
- 1942/13 U.S. ARMY AIR FORCE
Preliminary report on topography and climate of British Columbia and north-western Alberta including temperature, precipitation and rainfall and index of meteorological stations. Publication of the Weather Research Directorate of Weather, 2:2. May 1942. 10p.
- 1942/14 U.S. NAVY
Sailing directions for Newfoundland, including the coast of Labrador. Hydrographic Office, Publication No. 73, Washington, 1942.
- 1942/15 DOAN, K. H.
Some meteorological and limnological conditions as factors in the abundance of certain fishes in Lake Erie. Ecol. Monog., 12:293-314. 1942.
- 1943/1 ANDRUS, C. G.
Ships and storms on the Great Lakes. Roy. Meteor. Soc., Canadian Branch and Dominion Marine Association, Toronto, Oct. 1943. 9p.
- 1943/2 BOUGHNER, C. C.
Meteorology as applied to agriculture. Roy. Meteor. Soc., Canadian Branch, Toronto, Nov. 1943. 17p.
- 1943/3 CALIF. INST. OF TECH., MET. DEPT.
Synoptic weather types of North America, Pasadena, 1943. 161p.

- 1943/4 DAVISON, A. E.
Meteorological services for designers and operators of electric power systems. Roy. Meteor. Soc., Canadian Branch and American Institute of Electrical Engineers, Toronto, Oct. 1943. 22p.
- 1943/5 GRAHAM, R. C.
A spot caused by snowflakes in the beam of a ceiling projector. Bull. Amer. Met. Soc., 24:378-379. 1943.
- 1943/6 GREAT BRITAIN, HYDROGRAPHIC DEPT.
Arctic Pilot. London, 1943. Meteorology, p.10-32, 229-237.
- 1943/7 GREAT BRITAIN, HYDROGRAPHIC DEPT.
St. Lawrence pilot. London, 1943. Meteorology, p.22-47, 48-53.
- 1943/8 HEWSON, E. W.
Atmospheric pollution by heavy industry. Roy. Meteor. Soc., Canadian Branch and Toronto Chemical Association, 1943. 9p.
- 1943/9 LANDSBERG, H. and E. R. BIEL (editors)
Preliminary climatic atlas of the world, U.S.A.A.F. Prepared by Institute of Meteorology, Univ. of Chicago. July 1943.
- 1943/10 LLOYD, T.
The Mackenzie waterway: a northern supply route. Geogr. Rev., 33:3:415-434. July 1943.
- 1943/11 MIDDLETON, W. E. K.
Meteorological instruments. University of Toronto Press, Toronto, September 1941. (Second Edition), May 1943. 213p.
- 1943/12 MONSINGER, M. N.
Meteorology and the general public. Roy. Meteor. Soc., Canadian Branch, Toronto, Nov. 1943. 9p.
- 1943/13 TANNEHILL, I.
Weather around the world. Princeton University Press, Princeton, 1943. 200p.
- 1943/14 U.S. ARMY
Climate zones—North America. Office of the Quartermaster General, Climatology Unit, Washington, 1943. (12 charts).
- 1943/15 U.S. ARMY
Climatic atlas for Alaska. Publications of the Weather Information Branch, Headquarters Army Air Forces, Report no. 444, September 1943. 229p.
- 1943/16 U.S. NAVY
Naval air pilot—Newfoundland, Labrador. Hydrographic Office No. 251. U.S. Government Printing Office, Washington, 1943. 72p.
- 1943/17 U.S. NAVY
Naval air pilot weather summary—Nova Scotia, New Brunswick, southeastern Quebec. Hydrographic Office No. 250, U.S. Government Printing Office, Washington, 1943. 104p.
- 1943/18 U.S. WEATHER BUREAU
Daily synoptic series, historical weather maps, northern hemisphere sea level January 1899 to June 1939. Cooperative project of the U.S. Army Air Force and the Weather Bureau, Washington, D.C., 1943.
- 1943/19 VILLENEUVE, G. O.
Forest meteorology in Quebec. For. Chron., 19:4:203-218, Dec. 1943. Also as Québec, Bureau de Météorologie, Bulletin, No. 1.
- 1943/20 WRIGHT, J. G.
The application of meteorology to forest fire protection. Roy. Meteor. Soc., Canadian Branch, and Canadian Society of Forest Engineers, Toronto, Oct. 1943. 28p.
- 1943/21 VISHER, S. S.
Some climatic influences of the Great Lakes. Bull. Amer. Met. Soc., 24:205-210. 1943.

1944

- 1944/1 ALBRIGHT, J. C.
Summer weather data. The Marley Co., Kansas City, 1944. 165p.
- 1944/2 ALBRIGHT, W. D. and J. G. STOKER
Topography and minimum temperature. Sci. Agric., 25:3:146-155. Nov. 1944.
- 1944/3 ARCHIBALD, E. S.
Agriculture lands in the Canadian northwest. Canad. geogr. J., 29:40-51. July 1944.
- 1944/4 BENUM, F. W. and H. CAMERON
A study of ice accretion on aircraft over the Canadian Rockies. Bull. Amer. Met. Soc., 25:1:28-33. Jan. 1944.
- 1944/5 CANADA, METEOROLOGICAL DIVISION
Meteorology of the Canadian Arctic. (Toronto), 1944. 85p.
- 1944/6 DEXTER, R. V.
The diurnal variation of warm-frontal precipitation and thunderstorms. Roy. Meteor. Soc., Quart. J., 70:129-137. April 1944.
- 1944/7 GILBERT, G. H.
The weather of southwest Ontario with special reference to the airfield at 31 A.N.S., Port Albert. (Meteorological Division), Toronto, May 1944. 34p.
- 1944/8 HAURWITZ, B. and J. M. AUSTIN
Climatology. McGraw-Hill, New York, 1944. 410p.
- 1944/9 HEWSON, E. W. and R. W. LONGLEY
Meteorology theoretical and applied. McGraw-Hill, New York, 1944. 468p.
- 1944/10 HEWSON, E. W. and G. C. GILL
Meteorological investigations in Columbia River Valley, near Trail, B.C. (Report submitted to the Trail Smelter Arbitral Tribunal.) Bulletin No. 453, United States Dept. of Interior, 1944. p.23-228.
- 1944/11 HOYT, W. G. and W. B. LANGBEIN
The yield of streams as a measure of climatic fluctuations. Geogr. Rev., 34:2:218-234. April 1944.
- 1944/12 KOLB, L. L. and M. M. GOODMANSON
Upslope weather along the inland Alaska air route. J. Meteor., 1:98-108. 1944.
- 1944/13 LONGLEY, R. W.
Cold-front passages during persistent fog over the Maritime Provinces in spring. Bull. Amer. Met. Soc., 25:4:143-148. April 1944.
- 1944/14 NEUBERGER, R. L.
Weather fighters. Alaska Life, 7:8:3-11. 1944.
- 1944/15 ROBINSON, J. L.
An outline of the Canadian Eastern Arctic. Canada, Dept. of Mines & Resources, Ottawa, 1944. 38p.
- 1944/16 ROOT, C. J.
Great Lakes frozen across. Bull. Amer. Met. Soc., 25:5:203-204. May 1944.
- 1944/17 STEFANSSON, V.
Arctic manual. MacMillan, New York, 1944. 556p.
- 1944/18 UNITED STATES ARMY AIR FORCE
Studies on local forecasting. 1944. Weather Division, Reports. Nos. 600-164 Chaplet, Baffin Island, (Frobisher), 6p.
600-41 Harmon Field, Newfoundland, (Stephenville), 7p.
600-42 Torbay Airport, Newfoundland, 4p.
600-43 Crystal One, Quebec, (Fort Chimo), 8p.
600-48 Gander Lake, Newfoundland, 28p.
600-52 Coral Harbour, Keewatin, 5p.
600-53 The Pas, Manitoba, 4p.
600-54 Calgary, Alberta, 12p.
600-55 Edmonton, Alberta, 8p.
600-56 Watson Lake, Yukon Territory, 4p.

- 1944/19 U.S. NAVY DEPT.
Weather summary, Alaska area. Hydrographic Office Publication No. 526. U.S. Government Printing Office, Washington, 1944. 279p.
- 1944/20 U.S. WAR DEPT.
Arctic manual. Technical Manual 1-240. Climate p.18-35. Washington, 1944.
- 1944/21 WILLETT, H. C.
Descriptive meteorology. Academic Press Incorporated, New York, 1944. 310p.
- 1944/22 MIDDLETON, W. E. K.
A brief history of the barometer. J. R. astr. Soc. Can., 38:2:41-64. Feb. 1944.
- 1945/1 BURKE, C. J.
Transformation of polar continental air to polar maritime air. J. Meteor., 2:2:94-112. June 1945.
- 1945/2 CANADA, DEPT. OF TRANSPORT
General summaries of hourly observations at U.S.A.A.F. stations operated in Canada and Newfoundland, 1943-44. Toronto, 1945. 26p.
- 1945/3 CONNOR, A. J.
July weather along the path of totality in Canada—solar eclipse July 9, 1945. J.R. astr. Soc. Can., 34:2:42-50. Feb. 1945.
- 1945/4 FOBES, C. B.
The ice clearing dates of the Maine lakes. Bull. Amer. Met. Soc., 26:331-333. 1945.
- 1945/5 GIBSON, R. A.
Physical geography of the Canadian Eastern Arctic. The Canada Yearbook, 1945. p.12-19.
- 1945/6 GRAY, J. L.
Climatic elements related to building research. Roy. Meteor. Soc., Canadian Branch and American Society of Heating and Ventilating Engineers, Nov. 1945. 11p.
- 1945/7 HALL, H. E.
Use of "pressure-pattern flying" over the North Atlantic. Bull. Amer. Met. Soc., 26:160-163. 1945.
- 1945/8 HUNTINGTON, E.
Mainsprings of civilization. Wiley, New York, 1945. 660p.
- 1945/9 JACOBS, L.
The meteorology of the Gulf of St. Lawrence and Prince Edward Island. Meteorological Office, Toronto, 1945. 42p. (also as M.O. M515, Jan. 1948.)
- 1945/10 LANDSBERG, H.
Climatology. In Handbook of Meteorology, ed. by F.A. Berry, Jr., E. Bolay and N. R. Beers. McGraw-Hill, New York, 1945. p.928-997.
- 1945/11 MATHIASSEN, T.
Report on the expedition (5th Thule Expedition 1921-24). Gyldendal, Copenhagen, 1945. 121p.
- 1945/12 ROBINSON, J. L.
Agriculture and forests of Yukon Territory. Canad. Geogr. J., 31:54-72. 1945.
- 1945/13 ROYAL CANADIAN MOUNTED POLICE
Reports and other papers relating to the voyages of the R.C.M.P. schooner "St. Roch" through the Northwest Passage . . . Ottawa, 1945. 97p.
- 1945/14 RUEDY, R.
The distribution of thunderstorms and the frequency of lightning flashes. Canada, National Research Council, Report No. 1282, 1945. 70p.

1945-1946

- 1945/15 THEAMAN, J. R.
The region of the greatest precipitation for North America—Alaska, Canada and the United States. Publication No. 18, Indianapolis, 1945. 31p. (Published by the author.)
- 1945/16 THIESSEN, A. D.
Her Majesty's Magnetical and Meteorological Observatory, Toronto. J.R. astr. Soc. Can., 39:6:221-230. July-Aug. 1945; 39:7:267-278. Sept. 1945; 39:8:311-319. Oct. 1945; 39:9:355-369. Nov. 1945; 39:10:394-408. Dec. 1945.
- 1945/17 U.S. WEATHER BUREAU and AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS
Annual weather data 1935-1939 (incl.). Detroit, Mich. 8p. of tables and charts. (1945).
- 1945/18 U.S. WEATHER BUREAU
Atlas of monthly pilot charts of the upper air North Atlantic and North Pacific Oceans. U.S. Hydrographic Office, Publication No. 560, 1945. (12 leaves, 24 maps.)
- 1945/19 ZACKS, M. B.
Oats and climate in southern Ontario. Canad. J. Res., C, 23:2:45-75. April 1945.
- 1946/1 DORSEY, H. G. et al
Meteorology and climatology. In A program of desirable scientific investigations in Arctic North America. Arctic Bull. No. 1, 1946.
- 1946/2 GROISSMAYR, F. B.
Eine 2, 72-jährige Periode der Januartemperatur in Dawson. Polarforschung, 16:1-2:102. 1946.
- 1946/3 HAMILTON, R. A.
Atlantic weather. Weather, 1:7:211-213. Nov. 1946.
- 1946/4 KERRY, J. G. G.
The winter temperature cycle of the St. Lawrence waters. Engng J., Montreal, 29:1:26-34. Jan. 1946; 29:9:521-535. Sept. 1946.
- 1946/5 KLEIN, W. H.
Modification of polar air over water. J. Meteor., 3:3:100-101. Sept. 1946.
- 1946/6 MACCLURE, K. C.
Technical aspects of the Aries flights. Geogr. J., 107:105-126. Mar.-Apr. 1946.
- 1946/7 MIDDLETON, W. E. K.
The present-day accuracy of meteorological instruments. Roy. Meteor. Soc., Quart. J., 72:32-50. Jan. 1946.
- 1946/8 ROBINSON, J. L.
The Canadian Eastern Arctic. Ph.D. Thesis, Clark University, 1946.
- 1946/9 ROBINSON, J. L.
Weather and climate of the Northwest Territories. Canad. geogr. J., 32:3:124-139. March 1946.
- 1946/10 SCHULMAN, E.
Dendrochronologies in Southwestern Canada. Tree-ring Bulletin, 13:2/3:10-24. Oct. 1946-Jan. 1947.
- 1946/11 STACEY, E. C.
Climatic factors affecting crop production. Sci. Agric., 26:2:79-82. Feb. 1946.
- 1946/12 THIESSEN, A. D.
Her Majesty's Magnetical and Meteorological Observatory, Toronto. J.R. astr. Soc. Can., 40:6:221-226. July-Aug. 1946; 40:7:256-264. Sept. 1946; 40:10:365-372. Dec. 1946.
- 1946/13 U.S. AIR WEATHER SERVICE
Northern Hemisphere historical weather maps, sea level and 500 mb. Oct. 1945 to Dec. 1948. Washington, D.C., 1946-49.

- 1946/14 U.S. AIR WEATHER SERVICE
Climatology of the arctic regions. Special Study No. 58, 1946. 314p.
- 1946/15 U.S. NAVY
Ice atlas of the Northern Hemisphere. Hydrographic Office, Washington, 1946. 106p.
- 1946/16 VILLENEUVE, G. O.
Climatic conditions of the Province of Quebec and their relationship to the forests. Meteorological Bureau, Dept. of Lands and Forests, Province of Quebec, Bulletin No. 6, Quebec, 1946. 123p.
- 1946/17 WELLINGTON, W. G.
The effects of variations in atmospheric pressure upon insects. Can. J. Res., D, 24:51-70. 1946.
- 1947/1 ALLEN, W. W.
Low cloud precipitation—rain or snow? Dept. of Transport, Met. Div., CIR-1310, TEC-21, Sept. 17, 1947. 5p.
- 1947/2 ALLEN, W. W.
Middle cloud precipitation—snow or rain. Dept. of Transport, Met. Div., CIR-1354, TEC-29, Dec. 10, 1947. 4p.
- 1947/3 BAIRD, P.D.
Snow and ice conditions on "Exercise Muskox". J. Glaciol., 1:75-76. July 1947.
- 1947/4 BOYD, D. W.
Minimum temperatures in the Annapolis Valley in May and October. Dept. of Transport, Met. Div., CIR-1325, TEC-24, Oct. 15, 1947. 6p.
- 1947/5 BROOKS, C. F. and E. S. BROOKS
Sunshine recorders. A comparative study of the burning-glass and thermometric systems. J. Meteor., 4:4:105-115. 1947.
- 1947/6 CANADA, MET. DIV.
Maps showing distribution of Meteorological Stations in Canada (temperature, precipitation, wind, and sunshine stations) May 1947. 4 maps.
- 1947/7 CANADA, MET. DIV.
Meteorological conditions at selected airports in Canada, Newfoundland, and Labrador. Toronto, 1947. 61p.
- 1947/8 CANADA, MET. DIV.
Climatic summaries for selected meteorological stations, Vol. I. Average values of mean and extreme temperature, mean and extreme humidity, sunshine, precipitation. Toronto, 1947. 63p.
- 1947/9 CLARKE, S. E. et al
The effect of climate and grazing facilities on short grass prairie vegetation in southern Alberta and southwestern Saskatchewan. Canada, Dept. of Agriculture, Tech. Bull. 46, 1947. 54p.
- 1947/10 CLAYTON, H. H. et al
World weather records, 1931-1940. Smithsonian Miscellaneous Collection, Vol. 105. Smithsonian Institute, Washington, 1947. 646p.
- 1947/11 CONNOR, A. J.
Canada's new northwest. The North Pacific Planning Project (Meteorology), 1947. p.145-154.
- 1947/12 CURRIE, B. W.
Water content of snow in cold climates. Bull. Amer. Met. Soc., 28:3:150-151. March 1947.
- 1947/13 DEXTER, R. V.
An aid to forecasting precipitation from the Hatteras Low. Dept. of Transport, Met. Div., CIR-1283, TEC-18, June 25, 1947. 3p.
- 1947/14 DEXTER, R. V.
Further investigation of the Hatteras Low. Dept. of Transport, Met. Div., CIR-1334, TEC-27, Nov. 6, 1947. 3p.

- 1947/15 DUNBAR, M. J.
Note on the delineation of Arctic and Subarctic zones. *Fld. Nat.*, 61:1:12-14. 1947.
- 1947/16 FLINT, R. F.
Glacial geology and the pleistocene epoch. *J. Wiley*, New York, 1947. 589p.
- 1947/17 FRANCE, SERVICE HYDROGRAPHIQUE
Colombie Britannique. Instructions nautiques No. 404, *Météorologie*. Paris, 1947. p.2-18.
- 1947/18 FRANCE, SERVICE HYDROGRAPHIQUE
Nouvelle Ecosse et Baie de Fundy. Instructions nautiques No. 413, *Météorologie*. Paris, 1947. p.3-17.
- 1947/19 FRANCE, SERVICE HYDROGRAPHIQUE
Terre-neuve et côte ouest du Groenland. Instructions nautiques No. 386, *Météorologie*. Paris 1947, p.2-27.
- 1947/20 GIDDINGS, J. W. JR.,
Mackenzie river delta chronology. *Tree-ring Bulletin*, 13:4:26-29. Apr. 1947.
- 1947/21 HALE, E. B.
Weather in Canadian Arctic air operations. Thesis, Air University. Maxwell Air Force Base, May 1947. 20p.
- 1947/22 HANSEN, J. P.
Post glacial forest succession, climate and chronology in the Pacific Northwest. *Trans. Amer. Phil. Soc.*, Part 1, 1947. p.1-130.
- 1947/23 HENRY, T. J. G.
Meteorological observations at Winter Harbour, Melville Island. Dept. of Transport, Met. Div., CIR-1275, TEC-16, June 20, 1947. 23p.
- 1947/24 Humans leave long vapor trail when moving in 72° below weather. *Bull. Amer. Met. Soc.*, 28:7:323. Sept. 1947. (Reprint from Edmonton Journal, Feb. 1, 1947.)
- 1947/25 LONGLEY, R. W.
The variability of the mean daily temperature at selected Canadian stations. *Roy. Meteor. Soc., Quart. J.*, 73:418-425. July-October 1947.
- 1947/26 MACDONALD, A.
Airports under snow. *Canad. Aviat.*, 20:11:24-25, 66. Nov. 1947; 20:12:66, 88. Dec. 1947.
- 1947/27 MARKHAM, S. F.
Climate and the energy of nations. *Oxford University Press*, Oxford, 1947. 240p.
- 1947/28 MARSHALL, J. S., R. C. LANGILLE and W. McK. PALMER
Measurement of rainfall by radar. *Meteor. J.*, 4:6:186-192. Dec. 1947.
- 1947/29 MONSINGER, N. M.
The weather in Arctic Canada. *Canad. Nat.*, 9:1:-. Jan-Feb. 1947.
- 1947/30 MULLER, S. W.
Permafrost or permanently frozen ground and related engineering problems. *J.W. Edwards, Inc.*, Ann Arbor, Mich. 1947. 231p.
- 1947/31 PINCOCK, G. L.
Correlation of weather conditions during the summer with the height of the 500mb. surface. *Bull. Amer. Met. Soc.*, 28:9:423-424. Nov. 1947.
- 1947/32 Snow drifts 20 ft. deep isolate Ontario towns for week. *Roads and Bridges*, 85:3:84-88, 134-138. March 1947.
- 1947/33 Snowfall statistics for Canada. *Roads and Bridges*, 85:1:97-98. Jan. 1947.
- 1947/34 TANNER, V.
Outlines of the geography, life and customs of Newfoundland—Labrador. Part III, The meteorology and the climate. *Cambridge University Press*, Cambridge, 1947. I:288-330.

- 1947/35 TAYLOR, G.
Canada: Chapter IV-Climates of Canada. Methuen, London, 1947. p. 52-79.
- 1947/36 THOMPSON, F. D.
Fog—Malton—an investigation of the airway forecast issued at Malton (on) 18 May, 1947. Dept. of Transport, Met. Div., CIR-1313, TEC-23, September 22, 1947. 3p.
- 1947/37 WASHBURN, G. H.
The modification of polar continental air passing over the Bay of Fundy. Dept. of Transport, Met. Div., CIR-1284, TEC-19, June 26, 1947. 7p; CIR-1355, TEC-30, December 10, 1947. 2p.
- 1947/38 ELSON, J. A.
A study of hydrology in southern Ontario. M.Sc. Thesis, McMaster University, 1947. 161p.
- 1948/1 AHLMANN, H. W.
The present climatic fluctuation. Geogr. J., 112:4-6:165-195, Oct-Dec. 1948.
- 1948/2 AMES, A. and D. A. GOLDTHWAIT
Influence of cold climate on basal metabolism (At Churchill). U.S. Quartermaster Corps, Research and Development Branch, Environmental Protection series, Report No. 136, Sept. 1948. 13p.
- 1948/3 ARCTIC CIRCULAR
New Arctic weather stations. Arct. Circ., 1:45-46. May 1948.
- 1948/4 BOUGHNER, C. C. and M. K. THOMAS
Climatic summaries for selected meteorological stations. Vol. II, Humidity, wind speed and direction. Dept. of Transport, Met. Div., Toronto, 1948. 88p.
- 1948/5 CANADA, DEPT. OF TRANSPORT
Winds at 10,000 metres. Met. Div., Dorval main meteorological office, CIR-1445, TEC-39, May 10, 1948. 1p.
- 1948/6 CANADA, FISHERIES RESEARCH BOARD
Climatic changes (a bibliography). Ottawa, 1948.
- 1948/7 CONNOR, A. J.
The climate of Canada. The Canada Year Book, Ottawa. Part I (text) 1948-49. p.41-62. Part II (tables) 1950. p.33-70.
- 1948/8 COURT, A. and O. S. PARMELE
Winter temperatures at Fort Churchill, Manitoba, Canada. U.S. Quartermaster Corps, Environmental Protection Section, Report No. 143. Dec. 1948.
- 1948/9 CURRIE, B. W.
The vegetative and frost-free seasons of the Prairie Provinces and the Northwest Territories. Canad. J. Res., C, 26:1:1-14. Feb. 1948.
- 1948/10 DEXTER, R. V.
An investigation of the 24 hour displacement of selected polar anticyclones. Dept. of Transport, Met. Div., CIR-1464, TEC-44, June 29, 1948. 4p.
- 1948/11 GIBSON, R. A.
Physical geography of the Canadian Western Arctic. The Canada Year Book, 1948-49. p.9-18.
- 1948/12 HACHEY, H. B. and H. J. McCLELLAN
Trends and cycles in surface temperatures of the Canadian Atlantic. J. Fish. Res. Bd. Can., 7:6:355-362. 1948.
- 1948/13 HOBBS, W. H.
The climate of the Arctic as viewed by the explorer and meteorologist. Science, 108:193-201. 1948.
- 1948/14 HOOVER, O. H.
Effect of Chinook (Foehn) winds on snow cover and runoff. International Union of Geodesy and Geophysics, International Association of Hydrology, Transactions, 2:86-100. Oslo, 1948. (Also as Technical Memorandum No. 14, Associate Committee on Soil and Snow Mechanics, National Research Council. Dec. 1949. p.74-94.)

1948

- 1948/15 HORNSTEIN, R. A.
Weather facts and fancies. Dept. of Transport, Met. Div., 1948. 29p.
- 1948/16 JOHNSON, C. B.
Anticyclonegenesis in Eastern Canada during spring. Bull. Amer. Met. Soc., 29:2:47-55. Feb. 1948.
- 1948/17 KLEIN, G. J.
Canadian survey of physical characteristics of snow-covers. International Union of Geodesy and Geophysics, International Association of Hydrology, Transactions, 2:138-152. Oslo, 1948. (Also Geogr. Ann., Stockh., 3:1-4:106-124, 1949; and Technical Memorandum No. 15, Associate Committee on Soil and Snow Mechanics, National Research Council, April 1950).
- 1948/18 KLING, S.
Climates of southern Quebec. Thesis, University of Toronto, 1948.
- 1948/19 LEGGET, R. F.
Canadian interest in snow and ice research. International Union of Geodesy and Geophysics, International Association of Hydrology, Transactions, 2:128-137. Oslo, 1948. (Also Technical Memorandum No. 14, Associate Committee on Soil and Snow Mechanics, National Research Council, December 1949. p.40-60.)
- 1948/20 LEGGET, R. F.
Canadian snow conference. J. Glaciol., 1:3:116-117. March 1948.
- 1948/21 MEEK, V.
Glacier observations in the Canadian Cordillera. International Union of Geodesy and Geophysics, International Association of Hydrology, Transactions, 2:264-275. Oslo, 1948. (Also Technical Memorandum No. 14, Associate Committee on Soil and Snow Mechanics, National Research Council, December 1949. p.61-73.)
- 1948/22 MUSHKAT, C. M.
Compensation or persistence. Dept. of Transport, Met. Div., CIR-1499, TEC-51, October 5, 1948. 3p.
- 1948/23 PARDE, M.
Hydrologie du Fleuve Saint-Laurent et de ses affluents. Rev. Canad. Geogr., 2:2, 3, 4:35-83. Sept.-Dec. 1948.
- 1948/24 PENNER, C. M.
Note on radiative cooling in the free atmosphere over Arctic Bay. J. Meteor., 5:2:69-70. Apr. 1948.
- 1948/25 SANDERSON, M.
The climates of Canada according to the new Thornthwaite classification. Sci. Agric., 28:11:501-517. Nov. 1948.
- 1948/26 SANDERSON, M.
Drought in the Canadian Northwest. Geogr. Rev., 38:2:289-299. Apr. 1948.
- 1948/27 THOMSON, A.
The growth of meteorological knowledge of the Canadian Arctic. Arctic, 1:1:34-43. Spring 1948.
- 1948/28 VAN HAARLEM, J. R.
The weather (at Vineland). In (Ontario Dept. of Agric.) Horticultural Experiment Station Report for 1947 and 1948. p.48-56.
- 1948/29 VILLENEUVE, G. O.
Aperçu climatique du Québec. Bureau de Météorologie, Ministère des Terres et Forêts, Bulletin No. 10, 1948. 25p.
- 1948/30 WALKDEN, R. W. and F. W. BENUM
Investigation of a low index type winter storm. Feb. 23-25, 1947. Dept. of Transport, Met. Div., CIR-1423, TEC-38, March 31, 1948. 3p.
- 1948/31 WEXLER, H.
A note on the record low temperature in the Yukon Territory, January-February 1947. Bull. Amer. Met. Soc., 29:10:547-550. Dec. 1948.

- 1948/32 WILLIAMS, P. JR.
The variation of the time of maximum precipitation along the west coast of North America. Bull. Amer. Met. Soc., 29:4:143-145. Apr. 1948.
- 1949/1 BAILEY, W. B. and H. B. HACHEY
The vertical temperature structure of the Labrador Current. Proc. N.S. Inst. Sci., 12:4:34-48. 1949-50.
- 1949/2 BAILEY, W. B. and H. B. HACHEY
An increasing Atlantic influence in Hudson Bay. Proc. N.S. Inst. Sci., 12:4:17-33. 1949-50.
- 1949/3 BINDON, H. H. and J. J. MOAKLER
A study of fog and thick weather at the Gander Trans-atlantic Airport. Dept. of Transport, Met. Div., CIR-1637, TEC-64, June 17, 1949. 19p.
- 1949/4 CANADA DEPT. OF AGRICULTURE, EXPERIMENTAL FARMS SERVICE
Progress reports (from various experimental stations and sub-stations) containing summaries of climatological data recorded at station. Several reports for period 1937-1947 issued in 1949.
- 1949/5 CONNOR, A. J.
The frost-free season in British Columbia. Dept. of Transport, Met. Div., Toronto, 1949. Tables and map. 20p.
- 1949/6 COURT, A., N. SISSENWINE and G. S. MITCHELL
Lowest temperatures in the Northern Hemisphere. Weatherwise, 2:1:10-11, 22. Feb. 1949.
- 1949/7 CROCKER, A. M.
Synoptic applications of the frontal contour chart. The motion of selected lows—5-7 Nov. 1946. Roy. Meteor. Soc., Quart. J., 75:323:57-70. Jan. 1949. (Discussion 75:326:435-438.)
- 1949/8 DESSUREAUX, L. and E. GODBOUT
Thirty-five years of weather records at Sainte-Anne-de-la-Pocatière. Sci. Agric., 29:1:13-26. Jan. 1949. (Reprinted by Bureau de Météorologie, Québec, Bulletin No. 16.)
- 1949/9 DORSEY, H. G.
Meteorological characteristics of Northern Arctic America. M.Sc. Thesis, Massachusetts Institute of Technology, 1949.
- 1949/10 ELLIOTT, R. D.
Forecasting the weather; the weather types of North America. Weatherwise, 6 parts—Jan. to Dec. 1949.
- 1949/11 GOODBRAND, C. G.
Report on familiarization flight from Whitehorse to the geographic North Pole. Dept. of Transport, Met. Div., CIR-1639, TEC-65, 21 June 1949. 4p.
- 1949/12 GREAT BRITAIN, HYDROGRAPHIC DEPT.
British Columbia Pilot (Meteorology), London, 1949. p.4-9, 531-537.
- 1949/13 GUTSELL, B. V.
An introduction to the geography of Newfoundland. Dept. of Mines and Resources, Geographical Bureau, 1949. 85p.
- 1949/14 HACHEY, H. B.
Bibliography of physical oceanography for Canada. Canad. geophys. Bull., 3:2:11-25. 1949.
- 1949/15 HACHEY, H. B.
Canadian interest in Arctic oceanography. Arctic, 2:1:28-35. May 1949.
- 1949/16 HARE, F. K. and M. R. MONTGOMERY
Ice, open water and winter climate in the Eastern Arctic of North America. Arctic, 2:2:79-89. (Part 1) Sept. 1949; 2:3:149-164 (Part 2) Dec. 1949.
- 1949/17 HENRY, T. J. G. and G. R. ARMSTRONG
Aerological data for Northern Canada. Dept. of Transport, Met. Div., Toronto, May 1949. 271p.

1949

- 1949/18 HULL, T. E. and W. L. GODSON
The application of upper air data to the planning of airline flight schedules.
Dept. of Transport, Met. Div., CIR-1702, TEC-67, Nov. 8, 1949. 20p.
- 1949/19 HUSTICH, I.
Phytogeographical regions of Labrador. Arctic, 2:1:36-42. May 1949.
- 1949/20 JENNESS, J. L.
Permafrost in Canada. Arctic, 2:1:13-27. May 1949.
- 1949/21 KENDREW, W. G.
Climatology (Third Edition of Climate). Clarendon Press, Oxford, 1949. 383p.
- 1949/22 LAMONT, A. H.
Ice conditions over Hudson Bay and related weather phenomena. Bull. Amer. Met. Soc., 30. 8:288-289. Oct. 1949.
- 1949/23 LEE, D. H. K. and H. LEMONS
Clothing for global man. Geogr. Rev., 39:2:181-213. April 1949.
- 1949/24 LONGLEY, R. W.
The effect of freezing and melting processes on the daily temperature curve.
Roy. Meteor. Soc., Quart. J., 75:268-274. July 1949. (see also Roy. Meteor. Soc., Canadian Branch, 1949, 9p. plus 5 figs.)
- 1949/25 LYSGAARD, L.
Recent climatic fluctuations. Folia geogr. dan., 1949. 94p. of tables and 35p. of curves.
- 1949/26 MCLEAN, D. A.
Adjusting snow runoff correlation curves by use of autumn precipitation.
Western Snow Conference, Proceedings 1948, Feb. 1949. p.105-116.
- 1949/27 MONTGOMERY, M. R.
The climate of Labrador and its effect on the development of settlement.
M.A. Thesis, McGill University, 1949.
- 1949/28 MONTGOMERY, M. R.
Some notes on ice and weather conditions in the Canadian Arctic during the summer of 1948. Arct. Circ., 2:2:17-19. Feb. 1949.
- 1949/29 MUNN, R. E.
A survey of the persistence of precipitation at Halifax, N.S. Dept. of Transport, Met. Div., CIR-1612, TEC-61, May 2, 1949. 5p.
- 1949/30 OLIVER, V. J. and M. B. OLIVER
Ice fogs in the interior of Alaska. Bull. Amer. Met. Soc., 30:1:23-26. Jan. 1949.
- 1949/31 ORR, J. L., D. FRASER and K. G. PETTIT
Analysis of experiments on inducing precipitation. Report No. MD-32, National Research Council, Ottawa, 1949.
- 1949/32 Our climate and our weather. The Royal Bank of Canada Monthly Letter, Montreal, October 1949. 4p.
- 1949/33 PATTERSON, J.
Meteorology in peace and war. Canad. Geogr. J., 35:3:115-135. March 1949.
- 1949/34 PERRIE, D. W.
Cloud seeding experiments—November 1948. Dept. of Transport, Met. Div., CIR-1554, TEC-54, Jan. 14, 1949. 12p.
- 1949/35 PERRIE, D. W.
The rain required for a radar echo. Bull. Amer. Met. Soc., 30:8:278-281. Oct. 1949.
- 1949/36 PERRY, P. C.
Precipitation-evaporation relationship for the Canadian Prairie. Engng J., Montreal, 32:8:468-473. August 1949.
- 1949/37 PETTERSSEN, S.
Changes in the general circulation associated with the recent climatic variation. Geogr. Ann., Stockh., 31:212-221. 1949.

- 1949/38 PORSILD, A. E.
The changing climate of the Arctic. *Arct. Circ.*, 2:1:3-5. January 1949.
- 1949/39 SCHELL, I. I.
The sun's spottedness as a possible factor in the frequency of anticyclones in Northwestern North America. *Bull. Amer. Met. Soc.*, 30:8:292-294. Oct. 1949.
- 1949/40 STARRETT, L. G.
The relation of precipitation patterns in North America to certain types of jet streams at the 300-mile level. *J. Meteor.*, 6:5:347-352. Oct. 1949.
- 1949/41 TAIT, G. W. C.
The vertical temperature gradient in the lower atmosphere under daylight conditions. *Roy. Meteor. Soc., Quart. J.*, 75:287-292. July 1949.
- 1949/42 TALLMAN, E. G.
Bibliography of Canadian hydrology. *Canad. geophys. Bull.*, 3:2:1-10. 1949.
- 1949/43 TAYLOR, G.
Environment, race and migration. University of Toronto Press, Toronto, (Third Edition) 1949. 493p.
- 1949/44 THOMAS, M. K.
The diurnal variation of precipitation frequency. Dept. of Transport, Met. Div., CIR-1707, TEC-68, Nov. 17, 1949. 12p.
- 1949/45 THOMSON, A.
The meteorologist looks at the oceans. *Proc. Roy. Soc. Can.*, Series 3, Section 5, 157-162. 1949.
- 1949/46 TULLY, J. P.
Review of Canadian Pacific oceanography since 1938. *Trans. Amer. geophys. Un.*, 30:6:891-893. Dec. 1949.
- 1949/47 LEGGET, R. F. and F. L. PECKOVER
Soil temperature studies: a progress report. National Research Council, Washington, D.C. Highway Research Board, 29th Annual Meeting, Dec. 1949. Proceedings, p.434-445. (see also National Research Council of Canada, Division of Building Research, Research Paper No. 1, 1949).
- 1949/48 University of Toronto poll of students on weather terminology. *Bull. Amer. Met. Soc.*, 30:2:61-62. Feb. 1949.
- 1949/49 WONDERS, W. C.
Climate of the Canadian Archipelago. Ph.D. Thesis, University of Toronto, 1949.
- 1949/50 WELLINGTON, W. G.
The effects of temperature and moisture upon the behaviour of the spruce budworm. *Sci. Agric.*, 29:201-215, 216-229. 1949.
- 1950/1 DE LA RUE, E. A.
Quelques aspects du Labrador. *Nature (Paris)*, 1950. p.47-51.
- 1950/2 BAIRD, P. D., S. ORVIG, M. MONTGOMERY, et al
Baffin Island Expedition 1950: a preliminary report. *Arctic*, 3:3:143-146. Dec. 1950.
- 1950/3 BAKER, F. W.
Meteorology. *In Progress Report 1936-1948*. Dept. of Agriculture, Division of Field Husbandry, Soils and Agricultural Engineering, Central Experimental Farm, Ottawa, 1950. p.7-14.
- 1950/4 BINDON, H. H.
A preliminary report on high level turbulence above 20,000 feet over Eastern Canada. Report No. CC 125, Commonwealth Advisory Aeronautical Research Council, Sept. 1950. 6p.
- 1950/5 BINDON, H. H. and W. A. THORN
Winds on the North Atlantic air routes. Report No. CC 126, Commonwealth Advisory Aeronautical Research Council, 1950. 16p.

1950

- 1950/6 BORCHERT, J. R.
The climate of the central North American grassland. Ann. Ass. Amer. Geogr., 40:1:1-39. March 1950.
- 1950/7 BOUGHNER, C. C.
The Red River Flood—spring 1950. Weather, 5:7:241-245. July 1950.
- 1950/8 BOVILLE, B. W.
The weather situation for Ottawa, December 20-21, 1949. Dept. of Transport, Met. Div., CIR-1771, TEC-73, April 25, 1950. 4p.
- 1950/9 BOYD, D. W.
Frost in the Annapolis Valley in summer. Dept. of Transport, Met. Div., CIR-1774, TEC-74, April 26, 1950, 4p.
- 1950/10 BROOKS, C. E. P.
Climate in everyday life. Benn, London, 1950. 314p.
- 1950/11 BROOKS, C. E. P., C. S. DURST, N. CARRUTHERS, D. DEWAR and J. S. SAWYER
Upper winds over the world. Great Britain, Air Ministry, Met. Office, Geophysical memoirs No. 85, 1950. 150p.
- 1950/12 CALEF, W.
Interdiurnal variability of temperature extremes in the United States. Bull. Amer. Met. Soc., 31:300-302. 1950.
- 1950/13 CANADA, MET. DIV.
Temperature frequency tables—Civil Airports—Canada. (Gander and Montreal Airports) CIR-1765, CLI-9, April 19, 1950. 3p.
- 1950/14 CHAMPLIN, M. J. et al
Rainfall records for Saskatchewan. University of Saskatchewan, College of Agriculture, Bulletin No. 18, Saskatoon, Sask., May 1950. 31p.
- 1950/15 CROSS, C. M.
Slope and valley winds in the Columbia River Valley. Bull. Amer. Met. Soc., 31:3:79-84. March 1950.
- 1950/16 DE QUERVAIN, M. R.
Snow and ice problems in Canada and the U.S.A. National Research Council, Division of Building Research, Technical Report No. 5, Ottawa, Feb. 1950. 70p. maps, charts, photographs and appendices.
- 1950/17 FRAZER, J. E.
Labrador winter notes, 1950. Arctic, 3:2:126. Aug. 1950.
- 1950/18 GODSON, W. L.
The structure of North American weather systems. Roy. Meteor. Soc., Centenary Proceedings, 1950. p.89-106.
- 1950/19 GODSON, W. L.
A study of the deviations of wind speeds and directions from geostrophic values. Roy. Meteor. Soc., Quart. J., 76:327:3-15. Jan. 1950.
- 1950/20 GORDON, A. R. JR. and W. C. WOODWORTH
Some inter-relationships of snow and ice conditions and weather in the Arctic. Bull. Amer. Met. Soc., 31:8:271-278. Oct. 1950.
- 1950/21 GREENAWAY, K. R.
My experiences with Arctic flying weather. Roy. Meteor. Soc., Canadian Branch, 1:9:12p. Dec. 1950.
- 1950/22 HALLIDAY, W. E. D.
Climate, soils and forests of Canada, For. Chron., 26:4:287-301. Dec. 1950.
- 1950/23 HALLMAN, E. S.
One hundred and ten years ago. Weather, 5:4:155-158. April 1950.
- 1950/24 HARE, F. K.
The climate of the Eastern Canadian Arctic and Subarctic and its influence on accessibility. Ph.D. Thesis, University of Montreal, 1950.

- 1950/25 HARE, F. K.
Climate and zonal division of the boreal forest formation in Eastern Canada.
Geogr. Rev., 40:4:615-635. Oct. 1950.
- 1950/26 HORNSTEIN, R. A.
It's in the wind. Dept. of Transport, Met. Div., Toronto, 1950. 49p.
- 1950/27 KERR, D.
The climatology of southern British Columbia. Ph.D. Thesis, University of
Toronto, 1950.
- 1950/28 KLEIN, G. J., D. C. PEARCE and L. W. GOLD
Method of measuring the significant characteristics of a snow cover. Technical
Memorandum No. 18, Associate Committee on Soil and Snow Mechanics,
National Research Council No. 2269, Nov. 1950. 56p.
- 1950/29 LEE, J. D.
Hydrology and its applications in engineering. Roy Meteor. Soc., Canadian
Branch, 1:6:9p. June 1950.
- 1950/30 LONGLEY, R. W.
North American weather. Weather, 5:5:167-171. May 1950.
- 1950/31 LYSGAARD, L.
On the present climatic variation. Roy. Meteor. Soc., Centenary Proceedings,
1950. p.206-211.
- 1950/32 MCGILL UNIVERSITY
Stormy weather research group. Progress Report No. 3, 1950. 7p.
- 1950/33 MCINTYRE, D. P.
On the air-mass temperature distribution in the middle and high troposphere
in winter. *J. Meteor.*, 7:2:101-107. April 1950.
- 1950/34 McTAGGART-COWAN, P. D.
The jet stream. Roy. Meteor. Soc., Canadian Branch, 1:1:37p. 1950.
- 1950/35 Mrs. Sanderson and her climate machine. Imperial Oil Review, 34:3:36. Nov-
Dec. 1950.
- 1950/36 ORR, J. L., D. FRASER and K. G. PETTIT
Canadian experiments on artificially induced precipitation. Bull. Amer. Met.
Soc., 31:2:56-59. Feb. 1950.
- 1950/37 PERRIE, D. W.
Cloud physics. University of Toronto Press, Toronto, 1950. 119p.
- 1950/38 PHILLIPS, N. A.
The behaviour of jet streams over Eastern North America during January and
February, 1948. *Tellus*, 2:2:116-124. May 1950.
- 1950/39 PIERCE, C. H. and W. C. NORTON
Meteorological conditions affecting floods and heavy snow in North Dakota
and Minnesota, April 24-26, 1950. *Mon. Weath. Rev.*, 78:4:71-74. April
1950.
- 1950/40 RAE, R. W.
Arctic experiences or life begins at forty below. Roy. Meteor. Soc., Canadian
Branch, 1:12:12p. Feb. 1950.
- 1950/41 SALTZMAN, P.
Operation ice capade. Roy. Meteor. Soc., Canadian Branch, 1:3:13p. Mar.
1950.
- 1950/42 SANDERSON, M.
Moisture relationships in southern Ontario. *Sci. Agric.*, 30:235-255. June
1950.
- 1950/43 SANDERSON, M.
Is Canada's Northwest subhumid? *Canad. geogr. J.*, 41:3:142-146. Sept.
1950.
- 1950/44 SANDERSON, M.
Three years of evapotranspiration at Toronto. *Canad. J. Res.*, C:28:1:482-
492. Oct. 1950.

1950-1951

- 1950/45 SANDERSON, M.
Measuring potential evapotranspiration at Norman Wells, 1949. *Geogr. Rev.*, 40:4:636-645. Oct. 1950.
- 1950/46 SANDERSON, M.
Some Canadian developments in agricultural meteorology and climatology. *Weather*, 5:11:381-383. Nov. 1950; and 5:12:409-412. Dec. 1950.
- 1950/47 SCHROEDER, M. J.
The Hudson Bay high and the spring fire season in the Lake states. *Bull. Amer. Met. Soc.*, 31:4:111-118. April 1950.
- 1950/48 SMITH, C. D. JR.
The destructive storm of November 25-27, 1950. *Mon. Weath. Rev.*, 78:11:204-209. Nov. 1950.
- 1950/49 SMITH, C. D. JR.
The widespread smoke layer from Canadian forest fires during late September 1950. *Mon. Weath. Rev.*, 78:9:180-184. Sept. 1950.
- 1950/50 THOMPSON, C. E.
Cold lows affecting Alberta in summer. *Dept. of Transport, Met. Div., CIR-1813, TEC-76*, July 3, 1950. 8p.
- 1950/51 THOMSON, A.
Expansion of the Canadian Meteorological Service since 1939. International Union of Geodesy and Geophysics, Association of Meteorology, Oslo, 1948, 3:6-7. 1950.
- 1950/52 THOMSON, A.
The unknown country. *J.R. astr. Soc. Can.*, 44:2:41-51. Mar-Apr. 1950.
- 1950/53 TYNER, R.
An investigation into the frequency of offshore winds at Green Island, B.C. during the period Sept. 1st, 1949 to March 31st, 1950. *Dept. of Transport, Met. Div., CIR-1861, TEC-80*, Nov. 23, 1950. 6p.
- 1950/54 U.S. AIR WEATHER SERVICE
Local forecasting studies for selected Alaskan and Canadian stations. *Arctic Weather Central*, April 1950. 80p.
- 1950/55 VEDERMAN, J. and C. D. SMITH, JR.
The winter mid-troposphere circulation near the North Pole. *Bull. Amer. Met. Soc.*, 31:6:197-205. June 1950.
- 1950/56 WEXLER, H.
The great smoke pall of September 24-30, 1950. *Weatherwise*, 3:6:129-134, 142. Dec. 1950.
- 1950/57 WIGGIN, B. L.
Great snows of the Great Lakes. *Weatherwise*, 3:6:123-126. Dec. 1950.
- 1950/58 WILLETT, H. C.
Temperature trends of the past century. *Roy. Meteor. Soc., Centenary Proceedings*, 1950. p.195-206.
- 1950/59 WELLINGTON, W. G.
Effects of radiation on the temperatures of insectan habitats. *Sci. Agric.*, 30:209-234. 1950.
- 1951/1 BAIRD, P. D.
Method of nourishment of an ice cap in Baffin Land. International Union of Geodesy and Geophysics, International Assoc. of Hydrology, Brussels General Assembly, 1951. 1:194-202.
- 1951/2 BARKS, E. A.
Some effects of outbreaks of cold Polar or Arctic air across Northeastern Canada. *Dept. of Transport, Met. Div., CIR-1949, TEC-89*, May 25, 1951. 2p.
- 1951/3 BAYNTON, H. W.
Notes on frontal analysis over the North Atlantic. *Dept. of Transport, Met. Div., CIR-1958, TEC-92*, June 1, 1951. 5p.

- 1951/4 BINDON, H. H.
Clear-air gusts in the upper troposphere over Eastern Canada. Weather, 6:5:152-153. May 1951.
- 1951/5 BRISTOR, C. L.
The great storm of November 1950. Weatherwise, 4:10-16. 1951.
- 1951/6 BRUCE, J. P. and C. L. JOHNSTONE
A study of local weather conditions at St. Hubert Airport. Dept. of Transport, Met. Div., CIR-2048, TEC-105, Dec. 14, 1951. 15p.
- 1951/7 BURBIDGE, F. E.
The modification of continental polar air over Hudson Bay. Roy. Meteor. Soc., Quart. J., 77:365-374. July 1951.
- 1951/8 CANADA, FISHERIES RESEARCH BOARD
Daily sea-water observations along the west coast of Vancouver Island. Progress reports of the Pacific Coast Stations, No. 86, April 1951. p.6-11.
- 1951/9 CANADA, GEOGRAPHICAL BRANCH
An introduction to the geography of the Canadian Arctic. Ottawa, 1951. 118p.
- 1951/10 CRAWFORD, C. B.
Soil temperatures, a review of published records. Highway Research Board: Frost Action in Soils—A symposium, Jan. 9-12, 1951. H.R.B. Special Report No. 2. p.17-40. (reprinted as Research Paper No. 6, Division of Building Research, National Research Council, Canada.)
- 1951/11 CURRIE, B. W.
Sensations isopleths on a wind-temperature diagram for winter weather on the Canadian prairies. Bull. Amer. Met. Soc., 32:10:371-374. Dec. 1951.
- 1951/12 DAY, D. C. and N. A. GLENESK
Contributions to fog forecasting at Moncton Airport. Dept. of Transport, Met. Div., CIR-1948, TEC-88, May 25, 1951. 22p.
- 1951/13 DOE, L. A. E.
Sea surface temperatures 1950-51. Canada, Fisheries Research Board, Progress Reports of the Pacific Coast Stations No. 88, 1951. p.53-56.
- 1951/14 DORSEY, H. G.
Arctic meteorology. In Compendium of Meteorology. American Meteorological Society, Boston, 1951. p. 942-951.
- 1951/15 DUNBAR, M. J.
Eastern Arctic waters. Canada, Fisheries Research Board, Bulletin No. 99. Ottawa, 1951. 131p.
- 1951/16 EICHMEIER, A. H.
Snowfalls—Paul Bunyan style. Weatherwise, 4:6:124. Dec. 1951.
- 1951/17 ELLIS, H. M.
Thunderstorm severity in Ontario. Hydro-Electric Power Commission of Ontario, Research Division, Electrical Research Department, Sept. 1951. 23p.
- 1951/18 ELSLEY, E. M.
Alberta forest-fire smoke—24 September 1950. Weather, 6:1:22-24. Jan. 1951.
- 1951/19 FIELD, W. O.
Report on the Northern American glaciers. International Union of Geodesy and Geophysics, International Association of Hydrology, Brussels General Assembly, 1951. 1:120-128.
- 1951/20 FLEMING, M. R.
Preliminary report on investigation of vertical visibilities in snow. Dept. of Transport, Met. Div., CIR-1962, TEC-93. June 3, 1951. 6p.
- 1951/21 FOSTER, L. B.
A tourist's impression of Canada's North. Weather, 6:8:228-232. August 1951.

1951

- 1951/22 FRANCE, MARINE HYDROGRAPHIC SERVICE
Labrador-Strait de Davis et Baie d'Hudson. Instructions nautiques No. 441,
Météorologie, p.1-17. Paris, 1951.
- 1951/23 GLENESK, N. A.
Unusual snowfall at Moncton, N.B. on December 21st, 1950. Dept. of Transport, Met. Div., CIR-2029, TEC-102, Oct. 30, 1951. 7p.
- 1951/24 GRAY, G. J.
Ice fog and aircraft operations. Weatherwise, 4:6:128-130. Dec. 1951.
- 1951/25 GUNN, W. W. H. and A. M. CROCKER
Analysis of unusual bird migration in North America during the storm of April 4-7, 1947. The Auk, 68:2:139-163. April 1951.
- 1951/26 HARE, F. K.
The present-day snowfall of Labrador-Ungava. Amer. J. Sci., 249:654-670. Sept. 1951.
- 1951/27 HARE, F. K.
Some climatological problems of the Arctic and Sub-Arctic. In Compendium of Meteorology. American Meteorological Society, Boston, 1951. p.952-964.
- 1951/28 HARE, F. K.
Some notes on post-glacial climatic change in Eastern Canada. Roy. Meteor. Soc., Canadian Branch, 2:7:8-18. 1951
- 1951/29 HARE, F. K.
Recent investigations into the distribution of snow and ice in Eastern Canada. International Union of Geodesy and Geophysics, International Association of Hydrology. Brussels General Assembly, 1951. 1:167-171.
- 1951/30 Unassigned
- 1951/31 HARRY, K. F. and J. R. WRIGHT
An investigation into the development of the northwest wind at Vancouver. Dept. of Transport, Met. Div., CIR-2050, TEC-107, Dec. 14, 1951. 8p.
- 1951/32 HENRY, T. J. G.
A comparison of mean temperatures obtained with Canadian and American types of radiosondes. Dept. of Transport, Met. Div., CIR-2041, TEC-103, Nov. 23, 1951. 17p.
- 1951/33 HENSON, W. R.
Chinook winds and Red Belt injury to lodgepole pine in the Rocky Mountain Parks area of Canada. Dept. of Agriculture, Div. of Forest Biology, Contribution No. 28, 1951. p. 62-64.
- 1951/34 HORNSTEIN, R. A.
Snow rollers. Weather, 6:6:168-169. June 1951.
- 1951/35 HORNSTEIN, R. A.
January weather freaks in Canada. Weather, 6:4:125. April 1951.
- 1951/36 JACOBSON, W. C.
Consumptive use of water studies in irrigated area of Alberta. International Union of Geodesy and Geophysics, International Association of Hydrology, Brussels General Assembly, 1951. 3:499-501.
- 1951/37 KERR, D. P.
The summer-dry climate of Georgia Basin, British Columbia. Trans. Roy. Canada. Inst., 29:1:23-31. 1951.
- 1951/38 KERR, D. P.
Methods in paleoclimatology with reference to Canada. Roy. Meteor. Soc., Canadian Branch, 2:7:1-6. 1951.
- 1951/39 KIRK, D. W.
Moisture regions in the East Kootenay lowlands of British Columbia. Sci. Agric., 31:15-24. Jan. 1951.
- 1951/40 LAWRENCE, D. B.
Glacier fluctuations in Northeastern North America within the past six centuries. International Union of Geodesy and Geophysics, International Association of Hydrology, Brussels General Assembly, 1951. 1:161-166.

- 1951/41 LEGGET, R. F.
Climate and building. Engng. Contr. Rec. 64:8:71-87. Aug. 1951. (Reprinted as DBR 24, Division of Building Research, National Research Council, Canada).
- 1951/42 LONGLEY, R. W.
A study of the differences of the temperature extremes at selected stations in the Montreal forecast regions. Dept. of Transport, Met. Div., CIR-1927, TEC-86, April 14, 1951. 3p.
- 1951/43 LONGLEY, R. W.
The daily variation in temperature. Dept. of Transport, Met. Div., CIR-1891, TEC-81, Feb. 8, 1951. 5p.
- 1951/44 MATHEWS, W. H.
Historic and prehistoric fluctuations of alpine glaciers in the Mount Garibaldi map area, southwestern British Columbia. J. Geol., 59:357-380. 1951.
- 1951/45 McCORMICK, D. G.
Frost forecasting for vegetable growers in the Hamilton area. Dept. of Transport, Met. Div., CIR-2021, TEC-100, Oct. 18, 1951. 5p.
- 1951/46 MACHATTIE, L. B.
Intense warm frontal passage at Rockcliffe. Dept. of Transport, Met. Div., CIR-1945, TEC-87, May 17, 1951. 6p.
- 1951/47 McQUARRIE, A. F. and C. PICKERING
A record June snowstorm at Calgary, Alberta. Weatherwise, 4:4:91-92. August 1951.
- 1951/48 McTAGGART-COWAN, P. D.
Post war meteorology in Canada. Roy. Meteor. Soc., Canadian Branch, 2:3:14p. Jan. 1951.
- 1951/49 McTAGGART-COWAN, P. D.
Weather and the Canadian Weather Service. The Canadian Banker, Winter 1951. 13p.
- 1951/50 MERRILL, C. L.
The variability of precipitation in southwestern Ontario. M.Sc. Thesis, University of Western Ontario, 1951.
- 1951/51 MILLER, A. and D. H. GOULD
The extensive cold air outbreak of January 24-31, 1951. Mon. Weath. Rev., 79:1:20-26. Jan. 1951.
- 1951/52 NELSON, E. R.
Red River of the North basin flood, April-June 1950. Mon. Weath. Rev., 79:9:169-178. Sept. 1951.
- 1951/53 ORR, J. L.
Canadian experiments on induced precipitation. U.N. Scientific Conference on the Conservation and Utilization of Resources, Proceedings, Vol. IV, Water Resources, 1951. p.27-36.
- 1951/54 ORVIG, S.
The climate of the ablation period on the Barnes ice-cap in 1950. Geog. Ann., Stockh., 3-4:166-209. 1951.
- 1951/55 PEARCE, D. C. and L. W. GOLD
The Canadian snow survey 1947-50. International Union of Geodesy and Geophysics, International Association of Hydrology, Brussels General Assembly, 1951. 1:277-304. (Also as Technical Memorandum No. 21, National Research Council, Associate Committee on Soil and Snow Mechanics, 1951. 34p.)
- 1951/56 PEARCE, D. C.
A bibliography on snow and ice. Canada, National Research Council, Division of Building Research, Bibliography No. 1, Ottawa, Oct. 1951. 69p.
- 1951/57 PETTIT, K. G.
The Rockcliffe ice wagon and its role in Canadian icing research. Roy. Meteor. Soc., Canadian Branch, 2:5. 19p. 1951.

1951

- 1951/58 PINCOCK, G. L.
Precipitation in British Columbia. Weather, 6:3:88-89. March 1951.
- 1951/59 PINCOCK, G. L.
An analysis of precipitation on the British Columbia coast. Dept. of Transport, Met. Div., CIR-1974, TEC-94, July 3, 1951. 8p.
- 1951/60 POTTER, J. G. et al
A local forecast study for Goose Airport, Labrador. Dept. of Transport, Met. Div., CIR-1900, TEC-84, Feb. 16, 1951. 15p.
- 1951/61 RAE, R. W.
Climate of the Canadian Arctic Archipelago. Canada, Dept. of Transport, Toronto, 1951. 90p.
- 1951/62 RAE, R. W.
Joint arctic weather project. Arctic, 4:1:18-26. May 1951.
- 1951/63 Unassigned
- 1951/64 ROBERTSON, G. W.
Winter fog at the Edmonton Airport. Dept. of Transport, Met. Div., CIR-1898. TEC-82, Feb. 16, 1951. 13p.
- 1951/65 ROBINSON, J. L.
Climate and man. Proceedings of the 19th Annual Meeting, Western Snow Conference, Victoria, B.C., 1951. 12p.
- 1951/66 SANDERSON, M.
The measurement of evaporation in Canada. International Union of Geodesy and Geophysics, International Association of Hydrology, Brussels General Assembly, 1951. 1:474-479.
- 1951/67 SWANSBURG, R. H. and E. A. BARKS
Meteorological conditions at Dartmouth. Dept. of Transport, Met. Div., CIR-1981, TEC-95. July 13, 1951. 3p.
- 1951/68 TALLMAN, E. G.
Hydrology in Canada. International Union of Geodesy and Geophysics, International Association of Hydrology, Brussels General Assembly, 1951. 1:78-87.
- 1951/69 THOMAS, M. K.
Diurnal variations of precipitation frequency in Canada. (abstract only). International Union of Geodesy and Geophysics, Association of Meteorology, Brussels General Assembly, 1951. 1:p.5.
- 1951/70 THOMPSON, C. E., H. A. THOMPSON, D. B. CURRIE and D. H. SMITH
Notes on weather characteristics of Claresholm Airport, Claresholm, Alberta. Dept. of Transport, Met. Div., CIR-2047, TEC-104. Dec. 14, 1951. 8p.
- 1951/71 TYNER, R. V.
Paths taken by the cold air in polar outbreaks in British Columbia. Dept. of Transport, Met. Div., CIR-2049, TEC-106, Dec. 14, 1951. 8p.
- 1951/72 TYNER, R. V.
Polar outbreaks into the Okanagan Valley and southern coast of British Columbia. Dept. of Transport, Met. Div., CIR-1919, TEC-85. April 3, 1951. 3p.
- 1951/73 U.S. NAVY
Sailing directions for Northern Canada. (Second Edition) Hydrographic Office, Publication No. 77, Washington, 1951. 582p.
- 1951/74 U.S. NAVY
Sailing directions for Baffin Bay and Davis Strait. (Second Edition) Hydrographic Office, Washington, 1951. 462p.
- 1951/75 U.S. WEATHER BUREAU
Climatological Summary, Eureka, N.W.T., Canada. New Orleans, 1951.72p.
- 1951/76 U.S. WEATHER BUREAU
Climatological Summary, Resolute, N.W.T., Canada. New Orleans, 1951. 62p.

- 1951/77 VEYRET, P.
La neige au Canada. *Revue de Géographie Alpine*, 39:3:533-570. 1951.
- 1951/78 Unassigned
- 1951/79 WILSON, H. P. and W. E. MARKHAM
Terminal weather conditions at Eureka, Isachsen, Mould Bay and Resolute. Dept. of Transport, Met. Div., CIR-1954, TEC-90, May 29, 1951. 23p.
- 1951/80 WILSON, H. P. and W. E. MARKHAM
A study of monthly mean pressures for selected stations in Northern Canada. Dept. of Transport, Met. Div., CIR-1955, TEC-91. May 29, 1951. 8p.
- 1951/81 WING, L. W.
Cyclic trends in Arctic seasons. *Journal of Cycle Research*, 1:1:20-25. Autumn 1951.
- 1952/1 ANDERSON, R. and D. E. McCLELLAN
Temperature frequencies. Dept. of Transport, Met. Div., CIR-2073, TEC-109, Mar. 6, 1952. 12p.
- 1952/2 AUSTRALIA, METEOROLOGICAL BRANCH
A report on meteorological conditions affecting aviation over the Sydney to Vancouver air route. Melbourne, (1952). 99p.
- 1952/3 BAIRD, P. D.
Canadian expedition to Baffin Island, 1950. *Polar Rec.*, 6:43:372-375. Jan. 1952.
- 1952/4 BAYNTON, H. W.
Meteorological aspects of the study. In *The Detroit-Windsor Air Pollution Study*. U.S. Public Health Service, Public Health Reports, 67:7:658-671. 1952.
- 1952/5 BRITISH COLUMBIA, DEPT. OF LANDS AND FORESTS
Summary of snow-survey measurements in British Columbia, 1935-1952 inclusive. Water Rights Branch, Dept. of Lands and Forests, 1952. 42p.
- 1952/6 BRUN, P. and J. DICKSON
A study of turbulence and subsidence in the southern Yukon. Dept. of Transport, Met. Div., CIR-2208, TEC-137, Dec. 5, 1952. 8p.
- 1952/7 CANADA, DEPT. OF AGRICULTURE
Evaporation from lakes and reservoirs on the Canadian Prairies. Prairie Farm Rehabilitation Administration, Hydrology Div., Prairie Provinces Water Board Report No. 5, 1952. 48p.
- 1952/8 CHAPMAN, J. D.
The climate of British Columbia (Proceedings of Fifth British Columbia Natural Resources Conference) 1952. 47p.
- 1952/9 COOKE, D. S.
The occurrence of radiation fog at Moncton, N.B. airport at non-freezing temperatures. Dept. of Transport, Met. Div., CIR-2156, TEC-120, Sept. 10, 1952. 8p.
- 1952/10 CRAWFORD, C. B.
Soil temperatures and frost penetration. Proceedings of the 5th Canadian Soil Mechanics Conference, Ottawa, Jan. 10-11, 1952. Associate Committee on Soil and Snow Mechanics, National Research Council, Technical Memorandum No. 23, p.47-50.
- 1952/11 CROCKER, A. M.
The jet stream in Eastern North America on the afternoon of May 20, 1952. Dept. of Transport, Met. Div., CIR-2153, TEC-119, Aug. 22, 1952. 4p.
- 1952/12 DEWAR, S. W.
Notes on arctic weather phenomena. Dept. of Transport, Met. Div., CIR-2198, TEC-132, Nov. 24, 1952. 13p.
- 1952/13 FINLAYSON, H. M.
Snow melt as a factor in Quebec stream flow. Proceedings, Eastern Snow Conference, ninth Annual Meeting, Feb. 14 and 15, 1952. p.25-45.

1952

- 1952/14 FLINT, R. F.
The ice age in the North American Arctic. *Arctic*, 5:3:135-152. Oct. 1952.
- 1952/15 FOX, R. L.
Blizzards of the Northern Plains. *Weatherwise*, 5:6:123-126, 132. Dec. 1952.
- 1952/16 GANONG, W. F.
Weather over the coastal waters of Nova Scotia. Dept. of Transport, Met. Div., CIR-2177, TEC-127, Oct. 16, 1952. 6p.
- 1952/17 GODSON, W. L.
The distribution of equivalent tail wind for North Atlantic and North Pacific air routes. Dept. of Transport, Met. Div., CIR-2176, TEC-126, Oct. 14, 1952. 15p.
- 1952/18 GOLD, L. W. and B. A. POWER
Correlation of snow crystal type with estimated temperature of formation. *J. Meteor.*, 9:6:447. Dec. 1952.
- 1952/19 HACHEY, H. B.
The general hydrography of the waters of the Bay of Fundy. Joint Committee on Oceanography, Atlantic Oceanographic Group, St. Andrews, N.B., 1952.
- 1952/20 HACHEY, H. B.
Vertical temperature distribution in the Great Lakes. *J. Fish. Res. Bd. Can.*, 9:7:325-328. 1952.
- 1952/21 HARE, F. K.
The climate of the Island of Newfoundland: a geographical analysis. *Geographical Bulletin*, 2:36-38. 1952.
- 1952/22 HAWBOLDT, L. S.
Climate and birch dieback. Nova Scotia Dept. of Lands and Forests Bulletin No. 6, March 1952. 37p.
- 1952/23 HORNSTEIN, R. A.
Public weather program in a Dominion Public Weather Office. *Roy. Meteor. Soc., Canadian Branch*, 3:4:1-7. May 1952.
- 1952/24 HOWELL, W. E. ASSOCIATES INC.
Evaluation report of the cloud seeding project in the Province of Quebec, Oct-Dec. 1951. Cambridge, Mass. 1952.
- 1952/25 HUBERT, Frère
Étude comparative des températures des Cantons de l'Est, de Québec et de Montréal. *Cahier de Géographie* No. 3. 16p. 1952. (also *Hermes*, 1:3:69-84. 1952.)
- 1952/26 KERR, D. P.
The climate of British Columbia. *Canad. geogr. J.*, 45:4:143-157. Oct. 1952.
- 1952/27 KNOX, J. L.
Toronto minimum temperature formulae. Dept. of Transport, Met. Div., CIR-2202, TEC-134, Nov. 28, 1952. 17p.
- 1952/28 KOENIG, L. S., K. R. GREENAWAY, M. J. DUNBAR, and G. HATTERSLEY-SMITH
Arctic ice islands. *Arctic*, 5:2:67-103. 1952.
- 1952/29 LAUZIER, L.
Recent water temperatures along the Canadian Atlantic Coast. Progress report, Fisheries Research Board of Canada Report No. 53, 1952.
- 1952/30 LEGGET, R. F. and C. B. CRAWFORD
Soil temperatures in water works practice. *J. Amer. Wat. Wks. Assoc.*, 44:10: 923-939. Oct. 1952. (Reprinted as Research Paper No. 7, Division of Building Research, National Research Council, Canada).
- 1952/31 LINSLEY, R. K.
Annotated bibliography on hydrology 1941-1950 United States and Canada. U.S. Federal Inter-Agency River Basin Committee, Notes on Hydrologic Activities No. 5, June 1952. 408p.

- 1952/32 LONGARD, J. R. and R. E. BANKS
Wind-induced vertical movement of the water on an open coast. *Trans. Amer. Geophys. Un.*, 33:3:377-380. June 1952.
- 1952/33 LONGLEY, R. W.
Measures of the variability of precipitation. *Mon. Weath. Rev.*, 80:7:111-117. July 1952.
- 1952/34 LONGLEY, R. W.
Thunderstorm data for Canada. Dept. of Transport, Met. Div., CIR-2159, TEC-121, Sept. 16, 1952. 8p.
- 1952/35 McKAY, G. A.
The effect of protracted spring thaws on ice conditions in Hudson Bay. *Bull. Amer. Met. Soc.*, 33:3:101-106. March 1952.
- 1952/36 MAHAFFY, F. J.
The occurrence of radiation fog at Dorval Airport, Montreal, Que. Dept. of Transport, Met. Div., CIR-2065, TEC-108, Jan. 21, 1952. 8p.
- 1952/37 MARSHALL, J. S. and K. L. S. GUNN
Measurement of snow parameters by radar. *J. Meteor.*, 9:5:322-327. Oct. 1952.
- 1952/38 McCLAIN, E. P.
Synoptic investigation of a typical Chinook situation in Montana. *Bull. Amer. Met. Soc.*, 33:387-94. March 1952.
- 1952/39 McCORMICK, D. G.
The role of the Hamilton Weather Office. *Roy. Meteor. Soc., Canadian Branch*, 3:4:8-14. May 1952.
- 1952/40 McLELLAN, H. J.
Fluctuating inshore water temperatures in the autumn. *Fisheries Research Board of Canada, Progress Report (Atlantic)* No. 33, p.3-5. 1952.
- 1952/41 MCLEOD, K. T.
The Public Weather Service of Canada. *Roy. Meteor. Soc., Canadian Branch*, 3:4:15-22. 1952.
- 1952/42 McMILLIN, R. G.
The role of soil drought in the distribution of vegetation in the northern Rocky Mountains. *Ecology*, 33:1:1-15. Jan. 1952.
- 1952/43 McMULLEN, D. N.
A report on the B.C. Frost and Wind Warning Service. Dept. of Transport, Met. Div., CIR-2173, TEC-125, Oct. 8, 1952. 39p.
- 1952/44 MIDDLETON, W. E. K. and A. G. MUNGALL
On the psychophysical basis of meteorological estimates of visibility. *Trans. Amer. Geophys. Un.*, 33:4:507-512. 1952.
- 1952/45 MILLAR, F. G.
Surface temperatures of the Great Lakes. *J. Fish. Res. Bd. Can.*, 9:7:329-376. 1952.
- 1952/46 MITCHELL, J. L.
Arctic flights of the Aries, 1951. *Polar Rec.*, 6:44:474-483. July 1952.
- 1952/47 MUNN, R. E.
Synoptic conditions accompanying moderate to heavy precipitation. Dept. of Transport, Met. Div., CIR-2186, TEC-129, Oct. 28, 1952. 13p.
- 1952/48 ONTARIO, DEPT. OF PLANNING AND DEVELOPMENT
Upper Thames Valley Conservation Report 1952 (Summary). Baptist Johnston, Toronto, 1952. 202p.
- 1952/49 POTTER, J.
Notes on the structure of a hurricane in its late mature stage. *Bull. Amer. Met. Soc.*, 33:3:122-123. March 1952.
- 1952/50 PUTNAM, D. F. (Editor)
Canadian regions—a geography of Canada. Dent, Toronto, 1952. 601p.

1952-1953

- 1952/51 RADCLIFFE, J. C. and M. KATZ
The Greater Detroit-Windsor Air Pollution Study. Amer. Ind. Hygiene Assoc. Q., 13:4:206-225. Dec. 1952.
- 1952/52 RAE, R. W.
Arctic weather stations. Weather, 7:1:3-6. Jan. 1952.
- 1952/53 RIGBY, E. C. and J. S. MARSHALL
Modification of rain with distance fallen. McGill University Stormy Weather Research Group, Scientific Report MW-3, 1952. 51p.
- 1952/54 ROBERTSON, G. W.
Probability table of fall frost at Central Experimental Farm, Ottawa. Experimental Farm Service, Dept. of Agriculture, 1952. 2p.
- 1952/55 SMITH, C. D. and C. L. ROE
Comparisons between storms of November 20-22, 1952 and November 25-27, 1950. Mon. Weath. Rev., 80:11:227-231. Nov. 1952.
- 1952/56 SMYTH, R.
Flight in ice. Canad. Aviat., 25:3:34, 76, 78; 25:4:50, 76-82. 1952.
- 1952/57 SOBISKI, L. J.
Canadian ocean weather ships. Canadian Committee on Oceanography. Proc. Roy. Soc. Can. (third series), Vol. XLVI, June 1952. 13p.
- 1952/58 THOMSON, A. and P. C. BREMNER
Permafrost drilling and soil temperature measurements at Resolute, Cornwallis Island, Canada. Nature (London), 170:705-706. Oct. 1952.
- 1952/59 TULLY, J. P.
Oceanographic data of the Western Canadian Arctic region 1935-1937. J. Fish. Res. Bd. Can., 8:378-382. 1952.
- 1952/60 TULLY, J. P.
Climate in the coastal seas of British Columbia. Fisheries Research Board of Canada, Progress Report (Pacific) No. 90, p.16-20. Mar. 1952.
- 1952/61 U.S. AIR WEATHER SERVICE
Interesting variations in the Arctic inversions. Its Bulletin, Nov. 1952, p.58-60.
- 1952/62 U.S. LAKE SURVEY (CORPS OF ENGINEERS)
Variations in Great Lakes levels. Feb. 1952. 33p.
- 1952/63 U.S. WEATHER BUREAU
Normal weather charts for the Northern Hemisphere. U.S. Dept. of Commerce, Technical Paper No. 21, Oct. 1952. 74p.
- 1952/64 VILLMOW, J. R.
The position of the Köppen Da/Db boundary in Eastern United States. Ann. Ass. Amer. Geogr., 42:1:94-97. March 1952.
- 1952/65 WILSON, H. P. and W. E. MARKHAM
1951 aviation weather summaries for selected Canadian Arctic stations. Dept. of Transport, Met. Div., CIR-2094, TEC-112. Apr. 21, 1952. 5p.
- 1952/66 WELLINGTON, W. G.
Air mass climatology of Ontario north of Lake Huron and Lake Superior before outbreaks of the spruce budworm and the forest tent caterpillar. Can. J. Zool., 30:114-127. 1952.
- 1952/67 FINLAYSON, H. M.
Snow-melt as a factor in Quebec stream-flow. Proceedings, Eastern Snow Conference, Springfield, Mass., 1952. p.25-46.
- 1953/1 Aircraft operations in the Arctic; investigations of the RCAF Climatic Detachment. Shell Aviation News, 8:7-9. June 1953.
- 1953/2 ARMSTRONG, G. R.
A synoptic study of precipitation in Eastern North America. Dept. of Transport, Met. Div., CIR-2301, TEC-151. May 27, 1953. 27p.
- 1953/3 ARONIN, J. E.
Climate and architecture. Reinhold Publishing Corp., New York, 1953. 304p.

- 1953/4 BAILEY, W. B.
Annual variations in temperature and salinity in the Bay of Fundy. Joint Committee on Oceanography, St. Andrews, N.B., 1953. 12p.
- 1953/5 BAYNTON, H. W.
The role of meteorology in the Detroit-Windsor air pollution study. Roy. Meteor. Soc., Canadian Branch, 4:4. 9p. 1953.
- 1953/6 BERRY, F. A., G. V. OWENS and H. P. WILSON
Arctic storm tracks. Roy. Meteor. Soc., Proc. Toronto Met. Conference, 1953. p.91-102.
- 1953/7 BERRY, F. A., G. V. OWENS and H. P. WILSON
Arctic weather maps. United States Navy, Bureau of Aeronautics, Project TED-UNL-MA-501 Arowa. Norfolk, Virginia, 1953. 90p.
- 1953/8 BINDON, H. H., W. R. SMITH and F. HOOPER
The Canadian radiosonde. Roy. Meteor. Soc., Canadian Branch, 4:5, 28p. Aug. 1953.
- 1953/9 BINGEMAN, M. E.
Two studies concerning the levels of the Great Lakes. Proc. Rochester Acad. Sci., 10:1-26. Dec. 1953.
- 1953/10 BORCHERT, J. R.
Regional differences in the world atmospheric circulation. Ann. Ass. Amer. Geogr., 43:1:14-26. March 1953.
- 1953/11 BOUGHNER, C. C. and J. G. POTTER
Snow cover in Canada. Weatherwise, 6:12:155-159, 170-171. Dec. 1953.
- 1953/12 BOWER, D.
Navigation on some recent R.A.F. flights in high altitudes. J. Inst. Navig., 6:2:148-158. 1953.
- 1953/13 BROWN, P. R.
Humidity over the Atlantic Ocean. Met. Mag., 82:978:357-364. Dec. 1953.
- 1953/14 BRUN, P. and L. LESLIE
The vertical component of atmospheric motion as revealed by radiosonde records. Dept. of Transport, Met. Div., CIR-2326, TEC- 156. July 10,1953. 17p.
- 1953/15 CAMERON, H.
The aerial environment of the forest. Roy. Meteor. Soc., Canadian Branch, 4:1:11-17. 1953.
- 1953/16 CAMERON, H. and C. E. THOMPSON
A few notes on weather in the Whitehorse region. Dept. of Transport, Met. Div., CIR-2318, TEC-155. June 30, 1953. 17p.
- 1953/17 CANADA, DEPT. OF MINES AND TECHNICAL SURVEYS
St. Lawrence River Pilot. Surveys and Mapping Branch, Hydrographic Service, Government Printer, Ottawa, 1953. 173p.
- 1953/18 CANADA, DEPT. OF MINES AND TECHNICAL SURVEYS
British Columbia Pilot (Canadian Edition). Government Printer, Ottawa, 1953. 359p.
- 1953/19 CANADA, DEPT. OF MINES AND TECHNICAL SURVEYS
Newfoundland Pilot (Canadian Edition). Government Printer, Ottawa, 1953. 484p.
- 1953/20 CANADA, METEOROLOGICAL DIVISION AND U.S. WEATHER BUREAU
Joint Arctic weather stations. Five year report 1946-1951. (1953). 147p.
- 1953/21 CANADA, DEPT. OF TRANSPORT, METEOROLOGICAL DIVISION
Summaries of radiosonde observations in Southern Canada. (Stations south of latitude 55°N.). June 1941-December 1949. Toronto (1953). 149p.
- 1953/22 CANADA, NATIONAL RESEARCH COUNCIL
National Building Code of Canada, 1953. Part 2, Climate. NRC No. 3190, Ottawa, 1953. 27p.

1953

- 1953/23 CHAPMAN, L. J.
The climate of northern Ontario. Can. J. Agric. Sci., 33:1:41-73. Jan.-Feb. 1953.
- 1953/24 CLODMAN, J.
High level turbulence. Dept. of Transport, Met. Div., CIR-2332, TEC-160. July 27, 1953. 10p.
- 1953/25 COOKE, D. S.
The duration of wet and dry spells at Moncton, New Brunswick. Roy. Meteor. Soc., Quart. J., 79:342:536-538. Oct. 1953.
- 1953/26 CURRIE, B. W.
Precipitation, Prairie Provinces and Northwest Territories. University of Saskatchewan, Physics Dept., Saskatoon, 1953. 73p.
- 1953/27 CURRIE, B. W.
Snowfall, Prairie Provinces and Northwest Territories. University of Saskatchewan, Physics Dept., Saskatoon, 1953. 38p.
- 1953/28 CURRIE, B. W.
Temperature, Prairie Provinces and Northwest Territories. University of Saskatchewan, Physics Dept., Saskatoon, 1953. 71p.
- 1953/29 DEXTER, R. V.
An investigation of statistical outlooks for Halifax. Dept. of Transport, Met. Div., CIR-2327, TEC-157. July 14, 1953. 7p.
- 1953/30 FORBES, A.
Quest for a northern air route. Harvard University Press, Cambridge, 1953. 138p.
- 1953/31 GILBERT, G. H.
A study of the local weather at Port Albert, Ontario. Dept. of Transport, Met. Div., CIR-2285, TEC-147, May 4, 1953. 13p.
- 1953/32 GREAT BRITAIN, HYDROGRAPHIC OFFICE
Newfoundland and Labrador Pilot Vol. II (Eighth Edition). London, 1953.
- 1953/33 GOLD, L. W.
Snow and ice research on the North American continent. J. Glaciol., 2:14:292-294. 1953.
- 1953/34 GOWAN, E. H. and R. E. LEPPARD
Meteorological variations in the quantity of atmospheric ozone over Edmonton. Can. J. Phys., 31:5:702-713. July 1953.
- 1953/35 GUTENBERG, B.
Microseisms, microbaroms, storms and waves in Western North America. Trans. Amer. Geophys. Un., 34:2:161-173. 1953.
- 1953/36 HACHEY, H. B. and N. D. FOTHERGILL
The wind currents and storm effects on water movement at Sambro Lightship. Proc. Roy. Soc. Can. (third series), Vol. XLVII, 1953. 14p.
- 1953/37 HARE, F. K.
The restless atmosphere. Hutchinson's University Library, London, 1953. 192p.
- 1953/38 HARRIS, D. L.
Wind, tide and seiches in the Great Lakes. Proc. Fourth Coastal Engineering Conference, Chicago. Oct. 1953. p.25-51.
- 1953/39 HILL, K. W. and A. E. PALMER
Irrigation farming in southern Alberta. Experimental Station, Lethbridge, Alta. Publication No. 883, Climate p.7-11. March 1953.
- 1953/40 HOWELL, W. E. ASSOCIATES INC.
Rainfall stimulation in connection with forest fire control, Forestville, Quebec, August 1953. Oct. 1953. 1p.

- 1953/41 HOWELL, W. E. ASSOCIATES INC.
Evaluation of cloud seeding operations in the St. Maurice River watershed for the Shawinigan Water and Power Company, Nov. 11-Dec. 12, 1952. April 1953. 14p.
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Evaluation of cloud seeding operations in the Lake St. John watershed for the Aluminum Company of Canada Ltd., March 1953. 44p.
- 1953/43 HUME, J. I.
Climatic regionalism of Eastern North America. M.A. Thesis, Ohio State University, 1953.
- 1953/44 INGLIS, P.
Arctic weathermen. The Heartland, 1:22-27. 1953.
- 1953/45 JENNESS, J. L.
The physical geography of the waters of the western Canadian Arctic. Geographical Bulletin, 4:33-64. Ottawa, 1953.
- 1953/46 JOHNSTON, H.
Weather ways. Met. Div., Toronto, 1953. 127p.
- 1953/47 JOHNSON, E. C. and C. P. MOOK
The heavy snowstorm of January 28-30, 1953 at the eastern end of Lake Ontario. Mon. Weath. Rev., 81:1:26-30. Jan. 1953.
- 1953/48 JOHNSON, O.
Some rapid temperature changes. Weather, 9:268-269. 1953.
- 1953/49 JONES, O. O.
Temperature and precipitation trends and variations of the Fraser River Basin, B.C. B.A. Thesis, University of British Columbia, 1953.
- 1953/50 KENDREW, W. G.
The climates of the continents. (Fourth Edition) Clarendon Press, Oxford, 1953. 607p. (Fifth edition) 1961. 620p.
- 1953/51 KEULEGAN, G. H.
Hydrodynamic effects of gales on Lake Erie. U.S. National Bureau of Standards, Journal of Research, 50:2:99-109. Feb. 1953.
- 1953/52 KNOX, J. L.
Application of Toronto minimum temperature formulae. Dept. of Transport, Met. Div., CIR-2369, TEC-166. Oct. 14, 1953. 5p.
- 1953/53 LAUTZENHISER, R. E.
Great Lakes weather. Weatherwise, 6:1:3-6. Feb. 1953.
- 1953/54 LAWRENCE, D. B.
Periodicity of deglaciation in North America since the late Wisconsin maximum. Geogr. Ann., Stockh., 35:2:83-104. 1953.
- 1953/55 LINSLEY, R. K.
Report on the hydrological problems of the arid and semi-arid areas of the United States and Canada. In U.N.E.S.C.O. Reviews of Research on Arid Zone Hydrology. Paris, 1953. p.128-152.
- 1953/56 LONGLEY, R. W.
The length of dry and wet periods. Roy. Meteor. Soc., Quart. J., 79:342:520-527. Oct. 1953.
- 1953/57 LONGLEY, R. W.
Variability of annual precipitation in Canada. Mon. Weath. Rev., 81:5:131-134. May 1953.
- 1953/58 LONGLEY, R. W.
Temperature trends in Canada. Roy. Meteor. Soc., Proc. Toronto Met. Conference 1953. p.207-211.
- 1953/59 MARKHAM, W. E.
Aviation weather summaries for selected Canadian Arctic stations. Dept. of Transport, Met. Div., CIR-2366, TEC-165. Oct. 8, 1953. 7p.

- 1953/60 MARSHALL, J. S., M. P. LANGLEBEN, and C. RIGBY
Precipitation trajectories and patterns. McGill University, Stormy Weather Research Group, Scientific Report MW-8. Aug. 1952. 22p. (also *J. Meteor.*, 10:1:25-29, Feb. 1953.)
- 1953/61 MARSHALL, J. S.
Frontal precipitation and lightning observed by radar. *Can. J. Phys.*, 31:2:194-203. Feb. 1953.
- 1953/62 MASSEY, E. E.
Observations on the Sarnia tornado of May 21, 1953. Canada, Defence Research Board, Ottawa, 1953. 36p.
- 1953/63 McGEARY, D. S. and J. CLODMAN
Cold air invasion from the northeast into southern Manitoba. Dept. of Transport, Met. Div., CIR-2306, TEC-153. June 5, 1953. 8p.
- 1953/64 McKAY, G. A.
An investigation of August maximum and minimum temperatures at Torbay, Newfoundland. M.Sc. Thesis, McGill University, 1953.
- 1953/65 MCINTYRE, D. P. and R. LEE
Jet streams in middle and high latitudes. *Roy. Meteor. Soc., Proc. Toronto Met. Conference* 1953. p.172-181.
- 1953/66 McMULLEN, D. N.
A study of certain soil temperatures at Summerland, B.C. Dept. of Transport, Met. Div., CIR-2250, TEC-142. Feb. 25, 1953. 4p.
- 1953/67 McTAGGART-COWAN, P. D.
The Canadian experiment. *Bull. Amer. Met. Soc.*, 34:2:51-55. Feb. 1953.
- 1953/68 MILLER, A. A.
Climatology (Eighth Edition). Methuen, London, 1953. 318p.
- 1953/69 MOAKLER, J. J.
Summary of low ceiling and low visibility combinations at North Bay Airport. Dept. of Transport, Met. Div., CIR-2235, Tec-139. Jan. 21, 1953. 9p.
- 1953/70 OAKS, W. W. and H. V. MYERS
Ice reporting on the Great Lakes. *Weatherwise*, 6:1:7-10. Feb. 1953.
- 1953/71 OSMOND, H. W.
Report on investigations into measures for the reduction of the flood hazard in the Greater Winnipeg area. Province of Manitoba, Dept. of Resources and Development, Engineering and Water Resources Branch, Water Resources Division. Oct. 1953. Appendix A—Geography and Development (Climatology). 56p.
- 1953/72 Climate of the World—6. North America. A series of temperature, pressure and rainfall diagrams. *Weather*, 8:2:47-50. Feb. 1953.
- 1953/73 PEEL, R.
The use of pressure pattern flying by Trans-Canada Airlines. *J. Inst. Navig.*, 6:1:15-28. Jan. 1953.
- 1953/74 PETTIT, K. G.
The characteristics of supercooled clouds during Canadian icing experiments, 1950-1953. *Roy. Meteor. Soc., Proc. Toronto Met. Conference*, 1953. p.269-275.
- 1953/75 PHILLIPS, R. A. J.
The roof of Canada—north of seventy four. *Current Affairs for the Canadian Forces*, 4:4:1-29. Feb. 1953.
- 1953/76 PICKARD, G. L. and D. C. McLEOD
Seasonal variation of temperature and salinity of surface waters of the B.C. Coast. *J. Fish. Res. Bd. Can.*, 10:3:125-145. May 1953.
- 1953/77 PINCOCK, G. L.
The diurnal variation of summertime rain and thunder at Rockcliffe Airport, Ottawa, Ontario. Dept. of Transport, Met. Div., CIR-2375, TEC-169. Oct. 29, 1953. 7p.

- 1953/78 POTTER, J. G.
Snow cover in Canada. Engng. Contr. Rec., 66:72-74. 1953.
- 1953/79 RAE, R. W.
Weather eye on the Arctic. Dept. of Transport, Met. Div., Toronto, 1953. 7p.
- 1953/80 RAE, R. W.
The problem of establishing and maintaining weather stations in the Arctic. Roy. Meteor. Soc., Proc. Toronto Met. Conference, 1953. p.88-90.
- 1953/81 RHEUMER, G. A.
Climate and climatic regions of Western Canada. Ph.D. Thesis, University of Southern California, 1953.
- 1953/82 ROBERTSON, G. W.
Evaporation measurements at branch units of the Experimental Farms Service throughout Canada. Division of Field Husbandry, Soils and Agricultural Engineering, Experimental Farms Service, 1953. 19p.
- 1953/83 ROBERTSON, G. W.
Agrometeorology. Cereal News, 1:9:9-12. 1953. (Cereal Division, Experimental Farms Service, Canada, Dept. of Agriculture.)
- 1953/84 ROBERTSON, G. W.
Some agro-meteorological problems in Canada. Roy. Meteor. Soc., Canadian Branch, 4:2, 11p. 1953.
- 1953/85 RYDER, T.
Compilation and study of ice thickness in the northern hemisphere 1952-1953. (2 Vol.) American Geographical Society, New York, 1953. 20p. and 26p.
- 1953/86 SHAPLEY, H. (Editor)
Climatic change. Harvard University Press, Cambridge, Mass., 1953. 318p.
- 1953/87 SMITH, D. H. and C. E. THOMPSON
Severe icing conditions in Alberta and Saskatchewan during the period January 8-13, 1953. Dept. of Transport, Met. Div., CIR-2403, TEC-174. Dec. 22, 1953. 10p.
- 1953/88 STARK, R. G.
November storms in Newfoundland. Weather, 8:11:330. Nov. 1953.
- 1953/89 STORR, D.
An investigation into means of forecasting blizzards on the Western Prairies. Dept. of Transport, Met. Div., CIR-2278, TEC-145. Apr. 22, 1953. 17p.
- 1953/90 SUMNER, A. S.
Standard deviation of mean monthly temperatures in Anglo-America. Geogr. Rev., 43:1:50-59. Jan. 1953.
- 1953/91 SWINAMER, E. M. A.
Spirits in the spirit column. Weather, 8:2:51-52. Feb. 1953.
- 1953/92 THOMAS, M. K.
Computed gust speeds in Canada. Dept. of Transport, Met. Div., CIR-2328 TEC-158. July 14, 1953. 10p.
- 1953/93 THOMAS, M. K.
The greater Toronto precipitation network. Dept. of Transport, Met. Div., CIR-2238, TEC-141. Jan. 27, 1953. 8p.
- 1953/94 THOMAS, M. K.
Winter temperatures at Toronto. Roy. Meteor. Soc., Canadian Branch, 4:3, 10p. 1953.
- 1953/95 THOMAS, M. K.
Climatological Atlas of Canada. National Research Council Division of Building Research, Canada and Dept. of Transport, Met. Div., National Research Council No. 3151, Ottawa, 1953. 253p.

1953-1954

- 1953/96 TULLY, J. P. and L. A. E. DOE
Surface waters off the Canadian Pacific Coast. Canada, Joint Committee on Oceanography, Pacific Oceanography Group, Nanaimo, 1953. 7p.
- 1953/97 TURNER, J. A.
An example of abnormal diurnal variation of relative humidity. Dept. of Transport, Met. Div., CIR-2374, TEC-168. Oct. 27, 1953. 6p.
- 1953/98 TURNER, J. A.
Intense drying periods over the southern coast of British Columbia. Dept. of Transport, Met. Div., CIR-2316, TEC-154. June 25, 1953. 8p.
- 1953/99 U.S. DEPARTMENT OF DEFENCE
Arctic bibliography. 7 vol. (under direction of the Arctic Institute of North America). Washington, 1953-1957.
- 1953/100 WALDICHUK, M.
Oceanography of the Strait of Georgia II. Temperature distribution. In Fisheries Research Board of Canada Progress Report (Pacific), No. 94, March 1953. p.19-23.
- 1953/101 WARD, W. H. and S. ORVIG
The glaciological studies of the Baffin Island Expedition Pt. IV. The heat exchange at the surface of the Barnes ice cap during the ablation period. J. Glaciol., 2:13:158-168. April 1953.
- 1953/102 WEIR, T. R.
The physical basis of ranching in the interior plateau of British Columbia. Geographical Bulletin, 3:1-22. Ottawa, 1953.
- 1953/103 WILSON, H. P., W. E. MARKHAM, S. W. DEWAR and H. A. THOMPSON
Weather in the Canadian Arctic. Dept. of Transport, Met. Div., CIR-2387, TEC-170. Nov. 25, 1953. 30p.
- 1953/104 MIDDLETON, W. E. K. and A. F. SPILHAUS
Meteorological instruments. (Third Edition) University of Toronto Press, Toronto, 1953. 286p.
- 1953/105 CRAWFORD, L. C.
Hydrology of Lake Erie and tributaries. Ohio Department of Natural Resources, Lake Erie Pollution Survey, Final Report, Chapter 2, p.19-28. 1953.
- 1954/1 ALBERTA, DEPT. OF INDUSTRIES AND LABOUR
Climatological Data in "Facts and Figures", (Second Edition), 1954. p.4-7.
- 1954/2 BAILEY, W. B. et al
The horizontal distribution of temperatures and salinities off the Canadian Atlantic Coast. Joint Committee on Oceanography, Atlantic Oceanographic Group, St. Andrews, N.B., 1954. 21p.
- 1954/3 BAILEY, W. B. et al
Annual variations of temperature and salinity in the Bay of Fundy. J. Fish. Res. Bd. Can., 11:1:32-47. Jan. 1954.
- 1954/4 BAIRD P. D. and R. P. SHARP
Glaciology. Arctic, 7:3/4:141-152. 1954.
- 1954/5 BARACOS, A.
Effect of the 1950 Winnipeg flood on house foundations. Western Construction and Building, May 1954 (see also National Research Council, Division of Building Research, Technical Paper No. 17, 1954. 6p.)
- 1954/6 BAYNTON, H. W.
Preliminary meteorological findings and their influences on air pollution in the Detroit-Windsor area. Amer. Indust. Hygiene Ass. Q., April 1954.
- 1954/7 BELMONT, A. D.
Summary of Ice Island T-3 upper air temperature data, 1952-53 and comparison with other polar station data. University of California at Los Angeles, Dept. of Meteorology Scientific Report No. 4, June 1954. 39p.

- 1954/8 BERRY, W. M. and W. STICHLING
Evaporation from lakes and reservoirs in the Northern Plains region in North America. International Union of Geodesy and Geophysics, Surface Water Commission, Rome General Assembly, 1954. Vol. III. p.121-134.
- 1954/9 B.C. ELECTRIC CO. LTD.,
Vancouver climate study. Weather Statistics 1904-1953 inclusive. Gas Division, Vancouver, May 1954. 11p.
- 1954/10 BROOKS, E. M.
The weather outlook for this year's eclipse. Weatherwise, 7:2:32-33, 40. April 1954.
- 1954/11 CANADA, MET. DIV.
Addendum to Vol. I, Climatic Summaries for selected Meteorological Stations in Canada. Average values of temperature and precipitation. Toronto, 1954. 29p.
- 1954/12 CURRIE, B. W.
Vegetative and frost-free seasons, Prairie Provinces and Northwest Territories. University of Saskatchewan, Physics Dept., Saskatoon, Jan. 1954. 23p.
- 1954/13 CURRIE, B. W.
Climatic trends on the Canadian Prairies. Agricultural Institute Review, 9:1:21-23. Jan-Feb. 1954.
- 1954/14 CURRIE, B. W.
Upper atmospheric research in Canada. Culture, 15:3:280-290. Sept. 1954.
- 1954/15 CURRIE, B. W.
Ice and soil temperatures, Prairie Provinces and Northwest Territories. University of Saskatchewan, Physics Dept., Saskatoon, 1954. 27p.
- 1954/16 CURRIE, B. W.
Wind and storms, Prairie Provinces and Northwest Territories. University of Saskatchewan, Physics Dept., Saskatoon, 1954. 41p.
- 1954/17 DE PERCIN, F. and S. J. FALKOWSKI
Frequency and duration of low temperatures at Fort Churchill, Manitoba, Canada. U.S. Quartermaster Corps, Research and Development Command, Environmental Protection Division, Technical Report EP-2, July 1954. 11p.
- 1954/18 DE PERCIN, F. and L. W. WHITE
Handbook of Fort Churchill, Manitoba, Canada environment. U.S. Army, Headquarters, Quartermaster Research and Development Command, Environmental Protection Division, Technical Report EP-4, August 1954. 63p.
- 1954/19 DEXTER, R. V.
Some local temperature variations at Halifax, May to September 1953. Dept. of Transport, Met. Div., CIR-2473, TEC-184. April 23, 1954. 11p.
- 1954/20 DOUGLAS, R. H.
A statistical analysis of the results of cloud-seeding in Quebec, 1951 and 1952. Dept. of Transport, Met. Div., CIR-2536, TEC-193. Sept. 13, 1954. 21p.
- 1954/21 DUNBAR, M.
The pattern of ice distribution in Canadian Arctic seas. Canadian Committee on Oceanography. Trans. Roy. Soc. Can., Series 3, 48:9-18. June 1954.
- 1954/22 DUNBAR, M. J.
A note on climatic change in the sea. Arctic, 7:1:27-30. June 1954.
- 1954/23 EDHOLM, O. G.
Physiological effects of cold environment on man. In Biology of Deserts, Institute of Biology, London, 1954. p. 207-212.
- 1954/24 FORWARD, C. N.
Ice distribution in the Gulf of St. Lawrence during break-up season. Geographical Bulletin, 6:48-84. 1954.
- 1954/25 FRANKOM, C. E. N. and E. W. BARLOW
Surface currents of the ocean. J. Inst. Navig., 7:4:343-361. Oct. 1954.

- 1954/26 FROST, B. C.
More about the jet stream. Shell Aviation News, 195:14-18. Sept. 1954.
- 1954/27 FULKS, J. R.
The early November snowstorm of 1953. Weatherwise, 7:1:12-16. Feb. 1954.
- 1954/28 GIDDINGS, J. L.
Tree-ring dating in the American Arctic. Tree Ring Bulletin, 20:3:4:23-25. Jan.-Apr. 1954.
- 1954/29 GILLIES, D. K. A.
A new method for forecasting daylight illumination. Ontario Hydro Research Division Report, Oct. 1954. 17p. plus 26 tables.
- 1954/30 GOLD, L. W. and B. A. POWER
Dependence of the forms of natural snow crystals on meteorological conditions. J. Meteor., 11:1:35-42. Feb. 1954.
- 1954/31 GREAT BRITAIN, HYDROGRAPHIC OFFICE
Bering Sea and Strait Pilot. (Third Edition). London, 1954. 634p.
- 1954/32 HACHEY, H. B., F. HERMANN and W. B. BAILEY
The waters of the ICNAF Convention area. International Commission for the Northwest Atlantic Fisheries. Vol. IV. Annual Proceedings. p.67-102. 1954.
- 1954/33 HACHEY, H. B.
The hydrography of Hudson Bay. Canadian Committee on Oceanography, Trans. Roy. Soc. Can., Series 3, 48:19-23. June 1954.
- 1954/34 HAGE, K. D.
A study of destructive surface winds at Edmonton, Alta. Dept. of Transport Met. Div., CIR-2506, TEC-189. June 25, 1954. 37p.
- 1954/35 HENRY, T. J. G., A. NURKLIK and W. A. THORN
Vector mean winds and standard vector deviations for selected rawin stations in Canada. Dept. of Transport, Met. Div., CIR-2507, TEC-190. June 28, 1954. 26p.
- 1954/36 HENSON, W. R., R. W. STARK and W. G. WELLINGTON
Effects of the weather of the coldest month on winter mortality of the lodgepole needle miner "Recurvaria" in Banff National Park. Canad. Ent., 86:1:13-19. Jan. 1954.
- 1954/37 HEUSSER, C. J.
Studies of glacier fluctuation, forest succession and climatic variation in the Canadian Rockies. American Philosophical Society Yearbook, 1954.
- 1954/38 HEUSSER, C. J.
Glacier fluctuations in the Canadian Rockies. International Union of Geodesy and Geophysics, International Association of Hydrology, Rome General Assembly, 1954. Vol. IV, p.493-497.
- 1954/39 HOLLISTER, H. J.
What was the temperature of the sea water on the British Columbia coast in 1952? Fisheries Research Board of Canada Progress Report. (Pacific), No. 98, 1954. p.6-9.
- 1954/40 HORNSTEIN, R. A.
Hurricanes. Roy. Meteor. Soc., Canadian Branch., 5:5, 14p. December 1954.
- 1954/41 HORNSTEIN, R. A.
The White Point Beach, Nova Scotia, tornado of January 1954. Weather, 9:8:247-248. Aug. 1954.
- 1954/42 HORNSTEIN, R. A.
Weather and why. Dept. of Transport, Met. Div., Toronto, 1954. 61p.
- 1954/43 HUTCHEON, N. B.
Control of water vapour in dwellings. Royal Architectural Institute of Canada, Journal. June 1954. (Also National Research Council, Division of Building Research, Technical Paper No. 19. 6p.)

- 1954/44 JOHNS, P.
A statistical analysis of bad flying weather at Gander Airport. Dept. of Transport, Met. Div., CIR-2559, TEC-196, Nov. 19, 1954. 14p. plus 38 fig.
- 1954/45 KAMINSKI, H. S.
Distribution of ice in Baffin Bay and Davis Strait. Hydrographic Office, H.O. Misc. Publ. No. 15891, Washington, 1954. 49p.
- 1954/46 KENNEDY, D. B.
Weather forecast. Current Affairs, 6:2:31p. Jan. 1954.
- 1954/47 KREUGER, A. F.
The weather and circulation of October 1954 including a discussion of Hurricane Hazel in relation to the large scale circulation. Mon. Weath. Rev., 82:10:296-300. Oct. 1954.
- 1954/48 LAUDER, J. R. (Compiler)
Terminal weather on the Northwest staging route. Royal Canadian Air Force, 1 TAC HQ, May 1954. 52p.
- 1954/49 LAUZIER, L.
Recent surface water temperatures along the Canadian Atlantic Coast. Cold years—warm years. Fisheries Research Board of Canada Progress Report (Atlantic) No. 58, 1954. p.6-10.
- 1954/50 LONGLEY, R. W.
Mean annual temperatures and running mean temperatures for selected Canadian stations. Dept. of Transport, Met. Div., CIR-2481, TEC-186. 12 May 1954. 45p.
- 1954/51 LONGLEY, R. W.
Vertical wind profiles under non-adiabatic conditions. Suffield Experimental Station, Technical Paper No. 32, Sept. 1954. 12p.
- 1954/52 LONGLEY, R. W.
The climate of Montreal. Queen's Printer, Ottawa, 1954. 46p.
- 1954/53 McCORMICK, D. G.
Frost probability tables, Vineland and Guelph. In Horticultural Experiment Station Report 1951-52, Ontario Dept. of Agriculture, 1954. p.26-30.
- 1954/54 McLEOD K. T., W. L. GODSON, F. B. MULLER and B. W. BOVILLE
Forecasting in Canada—past, present and future. Roy. Meteor. Soc., Canadian Branch, 5:3, 17p. 1954.
- 1954/55 MEIER, M. F., G. P. RIGSBY and R. P. SHARP
Preliminary data from Saskatchewan Glacier, Alberta, Canada. Arctic, 7:1:13-26. June 1954.
- 1954/56 ORVIG, S.
Glacial—meteorological observations on ice caps in Baffin Island. Ph.D. Thesis, McGill University, 1954.
- 1954/57 ORVIG, S.
Glacial—meteorological observations on icecaps in Baffin Island. Geogr. Ann., Stockh., 36:3/4:197-318. 1954.
- 1954/58 PACKER, R. W.
Note on the annual periodicity of daily rainfall in Canada. The Canadian Geographer, 4:77-83. 1954.
- 1954/59 RAE, R. W.
Meteorological activities in the Canadian Arctic. Arctic, 7:3/4:119-128. 1954.
- 1954/60 REBMAN, E. J.
January temperature profile, Victoria, B.C.—a west-coast singularity. Weather, 9:5:131-136. May 1954.
- 1954/61 RICHARDS, T. L.
An approach to forecasting snowfall amounts. Dept. of Transport, Met. Div., CIR-2451, TEC-177. Jan. 19, 1954. 3p.
- 1954/62 RODAHL, K.
Ice islands in the Arctic. Sci. Amer., 191:6:40-45. Dec. 1954.

1954

- 1954/63 ROE, F. G.
The Alberta wet cycle of 1899-1903: A climatic interlude. Agricultural History, 28:3:112-120. July 1954.
- 1954/64 SANDERSON, M.
Observations of potential evapotranspiration at Windsor, Ontario. John Hopkins University, Laboratory of Climatology, Publications in Climatology, 7:1:91-93. 1954.
- 1954/65 STARK, G. R.
The Newfoundland seal hunt. Weather, 9:1:13-19. Jan. 1954.
- 1954/66 STARK, G. R.
Some effects of Gander Lake on Gander weather. Dept. of Transport, Met. Div., CIR-2437, TEC-181. Feb. 17, 1954. 28p.
- 1954/67 THOMAS, M. K.
Toronto's winter of minimum snowfall. Weather, 9:4:110-111. April 1954.
- 1954/68 THOMAS, M. K. and D. W. BOYD
Winter design temperature data for sixty-six Canadian stations. National Research Council, Division of Building Research, Building Note No. 14, Sept. 1954. 2p.
- 1954/69 THOMSON, A.
The climate of the Hudson Bay Region. Canadian Committee on Oceanography. Trans. Roy. Soc., Can., Series 3, 48:1-8. June 1954.
- 1954/70 Unassigned
- 1954/71 U.S. ARMY
Depth of snow cover in the Northern Hemisphere. Corps of Engineers, Arctic Construction and Frost Effects Laboratory, Boston, 1954. 4p., 18 tables, 38 plates.
- 1954/72 U.S. NAVY
Guide to Arctic forecasting. Part 1. Aleutian Islands and Bering Sea area. Part 2. The Canadian Archipelago and the Davis Straits area. Project Arowa, 1954. 88p.
- 1954/73 U.S. WEATHER BUREAU
Arctic weather stations. Weather, 9:5:137-139. May 1954.
- 1954/74 VILLENEUVE, G. O.
L'enneigement du Québec. Québec, Bureau de Météorologie, Bulletin No. 26, 1954. 22p.
- 1954/75 VILLENEUVE, G. O.
Valeurs calorifiques. Québec, Bureau de Météorologie, Bulletin No. 27, 1954. 9p.
- 1954/76 WALKER, E. R.
Marine weather services on the British Columbia Coast. Joint Committee on Oceanography, Pacific Oceanic Group, Nanaimo, B.C., August 1954. 6p.
- 1954/77 WARD, W. H.
Glaciological studies in the Penny Highland, Baffin Island, 1953. International Union of Geodesy and Geophysics, International Association of Hydrology, Rome General Assembly, 1954. Vol. IV. p.297-308.
- 1954/78 WARD W. H. and P. D. BAIRD
Studies in glacier physics on the Penny Ice Cap, Baffin Island, 1953. Part I—a description of the Penny Ice Cap, its accumulation and ablation. J. Glaciol., 2:15:342-355. April 1954.
- 1954/79 WASKO, P. E.
Pressure and temperature variations over the centres of typical migratory anticyclones. Bull. Amer. Met. Soc., 35:1:26-32. Jan. 1954.

- 1954/80 WELLINGTON, W. G.
Weather and climate in forest entomology. Meteorological Monographs, Boston, 2:8:11-18. Oct. 1954.
- 1954/81 WELLINGTON, W. G.
Atmospheric circulation processes and insectology. Can. Ent., 86:7:312-333. July 1954.
- 1954/82 WILKINS, E. B. and W. C. DUJAY
Freezing index data influencing frost action. Proceedings of the Seventh Canadian Soil Mechanics Conference. National Research Council, Associate Committee on Soil and Snow Mechanics, Technical Memorandum No. 33, Sept. 1954. p.36-38.
- 1954/83 WINCHESTER, J. W.
A study of the movement of Arctic sea ice in the Canadian Arctic in relation to meteorological, geographical and oceanographic parameters. Bull. Amer. Met. Soc., 35:9:417-425. Nov. 1954.
- 1954/84 MATEER, C. L.
A preliminary estimate of the average insolation in Canada. Can. J. Agric. Sci., 35:6:579-594. Nov.-Dec. 1954.
- 1955/1 ANTEVS, E.
Varve and radiocarbon chronologies appraised by pollen data. J. Geol., 63:5:495-499. Sept. 1955.
- 1955/2 Arctic patrols of the Royal Canadian Mounted Police 1949-51. Polar Record, 7:50:405-413. May 1955. 1952-54 Patrols. Polar Record, 7:51:499-506. Sept. 1955.
- 1955/3 BAILEY, W. B.
Summer surface temperatures in the Canadian Atlantic. Fisheries Research Board of Canada, Progress Report (Atlantic) No. 63, 1955. p.16-18.
- 1955/4 BAIRD, P. D.
Glaciological research in the Canadian Arctic. Arctic, 8:2:96-108. 1955.
- 1955/5 BELMONT, A. D.
Lower tropospheric inversions at Ice Island T-3. McGill University, Arctic Meteorological Research Group, Publications in Meteorology No. 4, Montreal, August 1955. 57p. and tables.
- 1955/6 BONNLANDER, B. H. and A. D. BELMONT
Bibliography on polar atmospheric circulation. McGill University, Arctic Meteorological Research Group, Publications in Meteorology No. 5, Montreal, June 1955. 440 items.
- 1955/7 BOUGHNER, C. C.
Hurricane Hazel. Weather, 10:6:200-205. June 1955.
- 1955/8 BOYD, D. W.
Soil moisture near Toronto. In The October 15-16, 1954 Storm "Hurricane Hazel" in Ontario. Dept. of Transport, Met. Div., Cir.-2606, TEC-210. Jan. 21, 1955. p.38-41.
- 1955/9 BOYD, D. W.
Rainfall intensities at seven Canadian cities. National Research Council, Division of Building Research, Building Note No. 15, March 1955. 3p.
- 1955/10 BOYD, D. W.
The climate part of the National Building Code of Canada. Bull. Amer. Met. Soc., 36:7:347-349. Sept. 1955.
- 1955/11 BOYD, D. W.
High winds and low temperatures associated with freezing precipitation. National Research Council, Division of Building Research, Building Note No. 18, December 1955. 18p.
- 1955/12 BROWN, A. H.
Weather from the White North. Nat. Geogr. Mag., 107:4:543-572. April 1955.

1955

- 1955/13 BURTON, A. C. and O. G. EDHOLM
Man in a cold environment. Edwards Arnold Ltd., London, 1955.
- 1955/14 CALLENDAR, G. S.
A close parallel between temperature fluctuations in East Canada and Britain.
Roy. Met. Soc., Quart. J., 81:347:98-99. Jan. 1955.
- 1955/15 CANADA, MET. DIV.
Climatological Summary, Alert, N.W.T., Canada. Toronto, 1955. 71p.
- 1955/16 CANADA, MET. DIV.
Monthly normals and class limits for mean temperatures and precipitation amounts at selected stations in the Maritime Provinces. Prepared by Staff Members, District Aviation Forecast Office, Moncton, N.B. Dept. of Transport, Met. Div., CIR-2602, TEC-208, Jan. 19, 1955. 14p.
- 1955/17 CLINCH, R. L. and H. J. SAALTINK
In the wake of Hurricane Hazel. Engng J., Montreal, 38:8:1057-1062. Aug. 1955.
- 1955/18 COLLINS-WILLIAMS, C. and A. C. BEST
Atmospheric pollen counts in Toronto, Canada. Journal of Allergy, St. Louis, 26:5:461-467. Sept. 1955.
- 1955/19 COOK, F. A.
Near surface soil temperature measurements at Resolute Bay, Northwest Territories. Arctic, 8:4:237-249. 1955.
- 1955/20 CORTON, E. L.
Climatology of the ice potential as applied to the Beaufort Sea and adjacent waters. U.S. Hydrographic Office, TR-30, 1955. 16p.
- 1955/21 CRARY, A. P., J. L. MULP and E. W. MARSHALL
Evidences of climatic change from ice island study. Science, 122:3181:1171-1173. 16 Dec. 1955.
- 1955/22 CRAWFORD, C. B.
Frost penetration studies in Canada as an aid to construction. Roads and Engineering Construction, 39:2:7p. Feb. 1955. (Reprinted as Technical Paper No. 20, Division of Building Research, National Research Council, Canada.)
- 1955/23 CRAWFORD, C. B. and D. W. BOYD
Climate in relation to frost action. In Factors related to frost action in soils. Highway Research Board, Bulletin No. 111, Washington, 1955. p.63-75. (Reprinted as Technical Paper No. 78, Division of Building Research, National Research Council, Canada).
- 1955/24 DOREY, D. B.
Weather as a factor in masonry problems. Journal Royal Architectural Institute of Canada, 32:4p. Oct. 1955 (Reprinted as Technical Paper No. 32, Division of Building Research, National Research Council, Canada).
- 1955/25 DUNBAR, M. J.
The present status of climatic change in the Atlantic sector of Northern seas, with special reference to Canadian Eastern Arctic Waters. Canadian Committee on Oceanography. Trans. Roy. Soc. Can., Series 3. 49:1-7. June 1955.
- 1955/26 EINARSSON, E. and A. B. LOWE
A study of horizontal temperature variations in the Winnipeg area on nights favouring radiational cooling. Dept. of Transport, Met. Div., CIR-2647, TEC-214. Apr. 22, 1955. 19p.
- 1955/27 EINARSSON, E.
The effect of wind on subsurface water temperatures in Thunder Bay. Dept. of Transport, Met. Div., CIR-2687, TEC-221, July 27, 1955. 6p.
- 1955/28 FLINT, R. F.
Rates of advance and retreat of the margin of the late-Wisconsin ice sheet. Amer. J. Sci., 253:5:249-255. May 1955.

- 1955/29 FLOHN, H.
The aerology of polar regions. Translated from Meteorologische Rundschau 5:81-87, 121-128, 1952, by A.M. Kroger, McGill University, Arctic Meteorology Research Group, 1955. 32p.
- 1955/30 GILBERT, G. H.
Fall out from large nuclear explosions with applications to Civil Defence. Canada, Dept. of National Defence, Defence Research Board, Operational Research Group, ORG Memorandum No. 55, 6, March 1955. 10p. 9 fig.
- 1955/31 GODSON, W. L.
Report on evaluation of cloud-seeding operations in Manitoba and Saskatchewan. Dept. of Transport, Met. Div., CIR-2649, TEC-215, May 2, 1955. 41p.
- 1955/32 GODSON, W. L.
Atmospheric radiation with applications to polar regions. In Informal Papers on Arctic Meteorology, McGill University, Arctic Meteorological Group, Scientific Report No. 1, 1955. p.7-13.
- 1955/33 GODSON, W. L.
Arctic jet streams and high level turbulence. In Informal Papers on Arctic Meteorology, McGill University, Arctic Meteorological Group, Scientific Report No. 1, 1955. p.14-20.
- 1955/34 GODSON, W. L.
International Geophysical Year: Canadian meteorological program. In Informal Papers on Arctic Meteorology, McGill University, Arctic Meteorological Group, Scientific Report No. 1, 1955. p.28-35.
- 1955/35 HARE, F. K.
Dynamic and synoptic climatology. Ann. Ass. Amer. Geogr., 45:2:152-162. June 1955.
- 1955/36 HARE, F. K.
Weather and climate. In Geography of the Northlands. American Geographical Society, New York, 1955. p.58-83.
- 1955/37 HARRY, K. F.
Some aspects of the climatology of the south-western B.C. coast. Dept. of Transport, Met. Div., CIR-2661, TEC-217. June 2, 1955. 28p.
- 1955/38 HEINTZELMAN O. H. and R. M. HIGHSMITH JR.
World regional geography. Prentice-Hall Inc., Englewood Cliffs, N.J., 1955. 357p.
- 1955/39 HUGHES, L. A., F. BAER, G. E. BIRCHFIELD and R. E. KAYLOR
Hurricane Hazel and a long wave outlook. University of Chicago, Dept. of Meteorology, Technical Report No. 11, Feb. 1955. 12p.
- 1955/40 KENDREW, W. G. and B. W. CURRIE
The climate of Central Canada. Queen's Printer, Ottawa, 1955. 194p.
- 1955/41 KIMBLE, G. H. T.
Our American weather. McGraw-Hill, New York, 1955. 322p.
- 1955/42 KNOX, J. L.
The Storm "Hazel". Bull. Amer. Met. Soc., 36:6:239-246. June 1955.
- 1955/43 LEE, R.
An investigation of unusually strong low level winds over Halifax. 19 May, 1955. Dept. of Transport, Met. Div., CIR-2711, TEC-225. Oct. 27, 1955. 9p.
- 1955/44 MANLEY, G.
A climatological survey of the retreat of the Laurentide ice sheet. Amer. J. Sci., 253:5:256-273. May 1955.
- 1955/45 MASON, A. H.
Tropical storms in Ontario, 1900-1949. In The October 15-16, 1954 storm "Hurricane Hazel" in Ontario. Dept. of Transport, Met. Div., CIR-2006, TEC-210. Jan. 21, 1955. p.5-13.
- 1955/46 MATEER, C. L.
Average insolation in Canada during cloudless days. Can. J. Technology, 33:1:12-32. Jan. 1955.

- 1955/47 Unassigned
- 1955/48 MISENER, A. D.
Heat flow and depth of permafrost at Resolute Bay, Cornwallis Island, N.W.T. Canada. *Trans. Amer. Geophys. Un.*, 36:6:1055-1066. Dec. 1955.
- 1955/49 MUNN, R. E.
A graphical method for forecasting ceiling and visibility as applied to Torbay Airport, Newfoundland. *Roy. Meteor. Soc., Canadian Branch*, 5:4, 14p. 1955.
- 1955/50 NAMAIIS, J.
Secular fluctuations in vulnerability to tropical cyclones in and off New England. *Mon. Weath. Rev.*, 83:8:155-162. August 1955.
- 1955/51 NUTTONSON, M. Y.
Wheat-climate relationships and the use of phenology in ascertaining the thermal and photo-thermal requirements of wheat, based on data of North America and of some thermally analogous areas of North America in the Soviet Union and in Finland. *American Institute of Crop Ecology*, Washington, D.C., 1955. 388p.
- 1955/52 OAK, W. W.
Ice on Great Lakes. *Weekly Weather and Crop Bulletin*, 42:8:7-8. Feb. 21, 1955.
- 1955/53 ONTARIO RESEARCH FOUNDATION, DEPT. OF CHEMISTRY
Air Pollution in Sarnia. *Second Annual Report*, 1955. 56p.
- 1955/54 ORVIG, S.
Meteorological work in Baffin Island. *Weather*, 10:3:72-77. March 1955.
- 1955/55 PERKINS, P. J.
Statistical survey of icing data measured on scheduled airline flights over the United States and Canada. U.S. NACA, Research Memorandum E55F28a, Sept. 8, 1955. 44p.
- 1955/56 PICKERING, C.
Frequency and variation of surface wind speeds during daylight hours at Calgary, Alberta. Dept. of Transport, Met. Div., CIR-2594, TEC-206. Jan. 10, 1955. 7p.
- 1955/57 POTTER, J. G.
Annual snowfall in Eastern Canada. *Proceedings, Eastern Snow Conference*, Vol. III, 12th Meeting, Burlington, Vt., Feb. 10-11, 1955. p.36-47.
- 1955/58 POTTER, J. G.
Annual variation in pressure and surface winds over the Atlantic between Labrador and Greenland. *Canadian Committee on Oceanography, Trans. Roy. Soc. Can.*, Series 3, 49:9-14. June 1955.
- 1955/59 POTTER, J. G.
Monthly mean sea-level pressure maps for Canada. Dept. of Transport, Met. Div., CIR-2710, TEC-224. Oct. 18, 1955. 18p.
- 1955/60 ROBERTSON, G. W.
Low temperature fog at the Edmonton Airport as influenced by moisture from the combustion of natural gas. *Roy. Meteor. Soc., Quart. J.*, 81:348:190-197. April 1955.
- 1955/61 ROBINSON, E.
Some instances of unstable surface temperature conditions during an Arctic winter. *Arctic*, 8:3:148-157. 1955.
- 1955/62 SMOLIAK, S. and H. F. PETERS
Climate effects of foraging performance of beef cows on winter range. *Can. J. Agric. Sci.*, 35:213-216. May-June 1955.
- 1955/63 SPORNS, U.
The influence of topography on the surface winds at Rivers, Manitoba. Dept. of Transport, Met. Div., CIR-2702, TEC-223, Sept. 22, 1955. 11p.

- 1955/64 STEVENS, H. T.
Data on ice thickness. Proceedings, Eastern Snow Conference, Vol. III, 12th meeting, Burlington, Vt., Feb. 10-11, 1955. p.8-19.
- 1955/65 THOMAS, M. K.
Weather features of the Canadian phase of Hurricane Hazel, Oct. 15-16, 1954. In The October 15-16, 1954 Storm "Hurricane Hazel" in Ontario. Dept. of Transport, Met. Div., CIR-2606, TEC-210, Jan. 21, 1955. p.14-37.
- 1955/66 THOMAS, M. K.
A method of computing maximum snow loads. Engng J., Montreal, 38:2:120-123. 1955. (Reprinted as Research Paper No. 15, Division of Building Research, National Research Council, Ottawa).
- 1955/67 THOMAS, M. K.
A method for determining winter design temperatures. Heating, Piping and Air Conditioning. (ASHAE Journal Section), 27:5:155-158. May 1955. (Reprinted as Research Paper No. 16, Division of Building Research, National Research Council, Ottawa).
- 1955/68 THOMAS, M. K.
Climate and building. Proceedings of the Conference on Building Research, Ottawa, Oct. 21 to 23, 1953. Division of Building Research Bull. No. 1, Sept. 1955. p.111-113.
- 1955/69 THOMAS, M. K.
Climate trends along the Atlantic coast of Canada. Canadian Committee on Oceanography, Trans. Roy. Soc. Can., Series 3, 49:15-21. June 1955.
- 1955/70 THOMAS, M. K.
The face of Canada's climate. The Canadian Architect, Part 1, First Issue, p.62-64. Nov.-Dec. 1955. Part 2, Second Issue p.53-55, Jan.-Feb. 1956.
- 1955/71 THOMAS, M. K. and D. W. BOYD
Canadian winter design temperatures— $2\frac{1}{2}\%$ basis. National Research Council, Division of Building Research, Building Note No. 17. Dec. 1955. 3p.
- 1955/72 TURNER, J. A.
Lightning fires over southeastern British Columbia. Dept. of Transport, Met. Div., CIR-2659, TEC-216. May 27, 1955, 12p.
- 1955/73 TURNER, A. R.
How Saskatchewan dealt with her "Dust-Bowl". Geogr. Mag., 28:4:182-192. Aug. 1955.
- 1955/74 TURNOCK, W. J.
A comparison of air temperature extremes in two tamarack sites. Ecology, 36:3:509-511. 1955.
- 1955/75 U.S. OFFICE OF NAVAL OPERATIONS
U.S. Navy Marine Climatic Atlas of the World. Vol. I, North Atlantic Ocean. Navaea, No. 50-IC-528, Nov. 1955. 17p. 275 charts.
- 1955/76 U.S. WEATHER BUREAU
Rainfall intensities for local drainage design in Arctic and Sub Arctic regions of Alaska, Canada, Greenland and Iceland. Hydrologic Services Division, Cooperative Studies Section, Washington, Sept. 1955. 20p.
- 1955/77 JAILER, R. W.
Evaluation of Northern Hemisphere icing probabilities. U.S. Wright Air Development Center, Ohio. WADC Technical Note No. 55-225. June 1955. 20p.
- 1955/78 ANDREW, A. N.
Volumetric forecasts of the snow-melt floods of the Lake St. John watershed. Proceedings, Eastern Snow Conference, Vol. III, 12th Meeting, Burlington, Vt., Feb. 10-11, 1955. p.48-66.
- 1955/79 CAVADIAS, G. S.
Reappraisal of snow-melt as a factor in Quebec stream flow. Proceedings, Eastern Snow Conference, Vol. III, 12th Meeting, Burlington, Vt., Feb. 10-11, 1955. p.68-77.

1955-1956

- 1955/80 TERASMAE, J.
A palynological study relating to the Toronto formation and the pleistocene deposits in the St. Lawrence lowlands. Ph. D. Thesis, McMaster University, 1955.
- 1955/81 WILNER, J.
Effect of low temperatures on available soil moisture during winters on the Canadian prairies. *Agronomy Journal*, 47:9:411-413. Sept. 1955.
- 1956/1 APPLEMAN, H.
Note on the effect of aircraft exhaust on airport visibility. *Bull. Amer. Met. Soc.*, 37:1:19-21. Jan. 1956.
- 1956/2 ARCHIBALD, D. C.
Basic weather services. *Weatherwise*, 9:2:42-44. April 1956.
- 1956/3 AUSTIN, J. M. and S. L. HENSEL
Analysis of freezing precipitation along the eastern North American coastline. Massachusetts Institute of Technology, Lincoln Laboratory, Tech. Report No. 112, 1956. 46p.
- 1956/4 AYERS, J. C., D. V. ANDERSON, D. C. CHANDLER and G. H. LAUFF
Currents and water masses of Lake Huron. Ontario Dept. of Lands and Forests, Div. of Research. Research Report No. 35. University of Michigan, Great Lakes Research Institute, Technical Paper No. 1. 1956. 101p. plus figures and tables.
- 1956/5 BAILEY, W. B.
Water temperatures around North America. Fisheries Research Board of Canada, Progress Report (Atlantic) No. 64 p.16-18. 1956.
- 1956/6 BAYNTON, H. W.
Multiple correlations of particulate air pollution with weather factors at Detroit and Windsor. *Bull. Amer. Met. Soc.*, 37:7:333-337. Sept. 1956.
- 1956/7 BLACK, W. A.
A report on sea ice conditions in the eastern Arctic, summer 1956. Dept. of Mines and Technical Surveys, Geographical Branch, Geographical Paper No. 9. 21p. and figures.
- 1956/8 BOUGHNER, C. C.
Degree-day data for selected Canadian stations. Dept. of Transport, Met. Div., CIR-2830, CLI-14, Oct. 15, 1956. 16p.
- 1956/9 BOUGHNER, C. C.
Climatological services. *Weatherwise*, 9:2:58-60. April 1956.
- 1956/10 BOUGHNER, C. C., R. W. LONGLEY and M. K. THOMAS
Climatic summaries for selected meteorological stations in Canada. Vol. III, Frost Data. Dept. of Transport, Met. Div., Toronto, 1956. 94p.
- 1956/11 BOYD, D. W. and G. R. KENDALL
Statistics of extreme values. Dept. of Transport, Met. Div., CIR-2825, TEC-238. October 9, 1956. 8p. also Roy. Meteor. Soc., Canadian Branch, 7:2:1-12, 1956.
- 1956/12 BUCKLER, S. J.
An investigation of the cold outbreak of Sept. 9, 1955 in Western Canada. Dept. of Transport, Met. Div., CIR-2785, TEC-233, 11 May 1956. 17p.
- 1956/13 CHAPMAN, J. D. and D. B. TURNER (Editors)
British Columbia Atlas of Resources. British Columbia Natural Resources Conference, 1956. Climatic maps p.14-22.
- 1956/14 CLARK, W. G.
The Canadian Arctic. *Weatherwise*, 9:2:61-63. April 1956.
- 1956/15 (The) Climate of Canada
Weatherwise, 9:2:56-57, 70. April 1956.
- 1956/16 CLODMAN, J.
The distribution of cirriform clouds. Dept. of Transport, Met. Div., CIR-2737, TEC-227. 3 Jan. 1956. 14p.

- 1956/17 COPP, S. C., C. B. CRAWFORD, and J. W. GRAINGE
Protection of utilities against permafrost in Northern Canada. *J. Amer. Wat. Wks. Ass.*, 48:9:1155-1168. Sept. 1956. (Reprinted as Research Paper No. 24, Div. of Building Research, National Research Council, Ottawa).
- 1956/18 CRONIN, F.
Snow, the two-faced giant. *Imperial Oil Review*, 40:5:21-25. Oct. 1956.
- 1956/19 DE PERCIN, F. and S. J. FALKOWSKI
A topoclimatic study, Fort Churchill, Canada. Headquarters, Quartermaster Research and Development Command, Environmental Protection Division, Technical Report EP 38, April 1956. 28p.
- 1956/20 DEXTER, R. V.
Heavy snowfalls at Campbellton, N.B. December—March, 1954-55. Dept. of Transport, Met. Div., CIR-2741, TEC-228. 11 Jan., 1956. 5p.
- 1956/21 DILLON, L. S.
Wisconsin climate and life zone in North America. *Science*, 123:3188:167-176. Feb. 3, 1956.
- 1956/22 DUNBAR, M. and K. R. GREENAWAY
Arctic Canada from the air. Queen's Printer, Ottawa, 1956. 541p. (Chapter 24, Weather, p.450-479).
- 1956/23 DUNBAR, M.
Notes on sea ice observed from C.G.S. "D'Iberville" and "C.D. Howe". Defence Research Board, Arctic Section, Report No. 4/55, Jan. 1956. 3p. plus 4 charts.
- 1956/24 GOLD, L. W.
The strength of snow in compression. *J. Glaciol.*, 2:20:719-725. Oct. 1956.
- 1956/25 GOLD, L. W. and G. P. WILLIAMS
Dependence of snowfall on temperature. *Nature*, 177:1137-1138. June 16, 1956.
- 1956/26 HEUSSER, C. J.
Post glacial environments in the Canadian Rocky Mountains. *Ecol. Monog.*, 26:263-302. 1956.
- 1956/27 HOLLAND, J. D.
Relationship between surface wind and drizzle at Halifax. Dept. of Transport, Met. Div., CIR-2840, TEC-240. 7 Nov. 1956. 6p.
- 1956/28 HOLLISTER, H. J.
The program of bathythermograph observations at the Canadian Ocean Weather Station "Papa" (50°00'N, 145°00'W). Joint Committee on Oceanography, Pacific Oceanographic Group, Nanaimo, B.C. 1956. 32p.
- 1956/29 HOSLER, C. L. and L. A. GAMAGE
Cyclone frequencies in the United States for the period 1905 to 1954. *Mon. Wea. Rev.*, 84:11:388-390. Nov. 1956.
- 1956/30 JOHNSON, O.
Low level inversions over a snow surface. Defence Research Board, Suffield Technical Paper No. 103, Suffield Experimental Station, Ralston, Alta., 1956. 4p.
- 1956/31 HUTCHEON, N. B.
Humidity in Canadian buildings. National Research Council, Division of Building Research, Building Note No. 19, May 1956. 10p.
- 1956/32 KENDALL, G. R. and M. K. THOMAS
Some characteristics of precipitation in the Canadian Prairies. *Miscelânea Geofísica*, Publicada pelo Serviço Meteorológico de Angola em Comemoração do X Aniversário do Serviço Meteorológico Nacional, Luanda, 1956. p.312-323.
- 1956/33 KENDALL, G. R. and M. K. THOMAS
Variability and trends of precipitation in the Prairie Provinces. Canadian Society of Agronomy, Proceedings of the Second Annual Meeting, Toronto, June 1956. p.C.17-30.

1956

- 1956/34 KENDREW W. G. and D. P. KERR
The climate of British Columbia and the Yukon Territory. Queen's Printer, Ottawa, 1956. 222p.
- 1956/35 KETCHEN, K. S.
Climatic trends and fluctuations in yield of marine fisheries of the northeast Pacific. J. Fish. Res. Bd. Can., 13:3:357-374. 1956.
- 1956/36 LAMONT, A. H.
The distribution of minimum temperatures in Norfolk County on frost nights in early autumn. Dept. of Transport, Met. Div., CIR-2749, PUB-183. 9 Feb. 1956. 12p.
- 1956/37 MATHEWS, W. H.
Climate and physiography of British Columbia. Proceedings of the Ninth Canadian Soil Mechanics Conference. Dec. 15-16, 1955. National Research Council, Associate Committee on Soil and Snow Mechanics, Technical Memorandum No. 41, 1956. p.2-9.
- 1956/38 MERCER, J. H.
The Grinnell and Terra Nivea ice caps, Baffin Island. J. Glaciol., 2:19:653-656. March 1956.
- 1956/39 MERCIER, R. G. and L. J. CHAPMAN
Peach climate in Ontario. In Report of the Horticultural Experiment Station and Products Laboratory, Vineland, Ontario, 1956. 21p.
- 1956/40 MONROE, E.
Canada as an environment for insect life. Canad. Ent., 88:7:372-476. July 1956.
- 1956/41 MUTTIT, G. H.
Some aspects of ceilings and visibilities in snow at Goose Bay, Lab. Dept. of Transport, Met. Div., CIR-2781, TEC-232. 9 May 1956. 8p.
- 1956/42 PETTERSEN, S., W. C. JACOBS and B. C. HAYNES
Meteorology of the Arctic. U.S. Navy, Op-O3A3. March 1956. 207p.
- 1956/43 POTTER, J. G.
The elimination of directional bias in wind data. Dept. of Transport, Met. Div., CIR-2803, TEC-235, 24 Jul. 1956. 7p.
- 1956/44 POTTER, J. G.
Diurnal and seasonal variation of low ceilings and visibilities at selected Canadian stations. Dept. of Transport, Met. Div., CIR-2844, TEC-241. 25 Nov. 1956. 8p.
- 1956/45 RIEHL, H.
Sea surface temperatures of the North Atlantic, 1887-1936. Chicago University, Dept. of Meteorology, Report on Research. Jan. 1956. 9p. plus 11 fig.
- 1956/46 ROBERTSON, G. W. and R. M. HOLMES
Estimating irrigation water requirements from meteorological data. Dept. of Agriculture, Experimental Farms Service, Ottawa, 1956. 19p. (Also Canadian Society of Agronomy, Proceedings of the Second Annual Meeting, Toronto, June 1956. C. 31-36.)
- 1956/47 ROSENTHAL, S. L. and W. A. BAUM
Diurnal variation of surface pressure over the north Atlantic Ocean. Mon. Wea. Rev., 84:11:379-387. Nov. 1956.
- 1956/48 SCHULMAN, E.
Dendroclimatic changes in semi arid America. University of Arizona Press, Tucson, 1956. 142p.
- 1956/49 SUNDE, A.
Studies of winds off western Greenland. Met. Annal., 4:4:37-54. 1956.
- 1956/50 THOMAS, M. K. and D. W. BOYD
Standard period heating degree-day normals. Dept. of Transport, Met. Br., CIR-2849, CLI-16, 3 Dec. 1956. 15p.

- 1956/51 THOMPSON, C. E.
The problem of hailstorm forecasting for Alberta. Dept. of Transport, Met. Div., CIR-2804, TEC-236, 1 Aug. 1956. 34p.
- 1956/52 THOMPSON, H. R. and B. H. BONNLANDER
Temperature measurements at a cirque bergschrund in Baffin Island. *J. Glaciol.*, 2:20:762-769. Oct. 1956.
- 1956/53 TURNER, J. A. and G. L. PINCOCK
Advection fog along the British Columbia coast and over the North Pacific Ocean during late summer and early autumn. Proceedings of the 8th Pacific Science Congress, Quezon City, Philippines, Vol. II A, 1956. p.955-962.
- 1956/54 U.S. OFFICE OF NAVAL OPERATIONS
U.S. Navy Marine Climatic Atlas of the World—Vol. II North Pacific Ocean. NAVAER, No. 50-IC-529, July 1956. 18p. and 275 charts.
- 1956/55 VILLMOW, J. R.
The nature and origin of the Canadian dry belt. *Ann. Ass. Amer. Geogr.*, 46:2:211-232. June 1956.
- 1956/56 WATSON, J. W.
The land of Canada. *Canad. Geogr. J.*, 52:4:137-165. April 1956.
- 1956/57 ZIKEEV, N. A.
Selected annotated bibliography on synoptic meteorology of the Arctic. American Meteorological Society, Meteorological Abstracts and Bibliography, 7:1:79-123. Jan. 1956.
- 1956/58 GODSON, W. L. and C. L. MATEER
The Canadian meteorological programme for the International Geophysical Year. Dept. of Transport, Met. Br., CIR-2745, TEC-229, Jan. 25, 1956. 10p.
- 1956/59 WOOD, G. A.
Meteorology and climatology of the Fraser River Basin, a resume of sources. Fraser River Board, Victoria, B.C., 1956. 43p.
- 1956/60 ESPENSHADE, E. B. and S. V. SCHYTT
Problems in mapping snow cover. U.S. Army, Corps of Engineers, Snow Ice and Permafrost Research Establishment, Research Report No. 27, December 1956. 92p.
- 1956/61 HANZAWA, M.
Preliminary report on a close relationship between surface water temperatures at the two separated ocean stations, Papa and Tango. *Oceanographical Magazine*, 8:2:157-160. December 1956.
- 1956/62 GILLIES, D. K. A., B. BERNHOLTZ and P. J. SANDIFORD
A new approach to forecasting daily peak loads. *Power Apparatus and Systems*, June 1956. 5p.
- 1957/1 ARDEN, R. S. and J. A. S. MILNE
The experience of Ontario Hydro in forecasting run-off in Ontario. Eastern Snow Conference Proceedings, Vol. IV. Fourteenth Meeting, Syracuse, N.Y., Feb. 7-8, 1957. p.104-112.
- 1957/2 BECKEL, D. K. B.
Studies on seasonal changes in the temperature gradient of the active layer of soil at Fort Churchill, Manitoba. *Arctic*, 10:3:151-183. 1957.
- 1957/3 BELL, C.
The wonder of snow. Hill and Wang, New York, 1957. 269p.
- 1957/4 BELMONT, A. D.
Apparent diurnal variations of Arctic stratospheric temperatures. *Trans. Amer. Geophys. Un.*, 38:4:462-468. August 1957.
- 1957/5 BRITISH COLUMBIA RESEARCH COUNCIL
The evaluation of rainmaking operations in British Columbia, Phase I. Vancouver, Jan. 1957. 42p. and charts. Phase II, Aug. 1957. 59p.

- 1957/6 BROWN, R. J. E.
Observations on break-up in the Mackenzie River and its delta in 1954. *J. Glaciol.*, 3:22:133-141. Oct. 1957. (Reprinted as Research Paper No. 45, Division of Building Research, National Research Council, Ottawa.)
- 1957/7 BRUCE, J. P.
Hydrometeorological analysis of the storm of August 28-30, 1956 in Ontario. Dept. of Transport, Met. Br., CIR-2886, TEC-246, 25 Feb. 57. 10p. and 4 fig.
- 1957/8 BRUCE, J. P.
Preliminary estimates of probable maximum precipitation over southern Ontario. *Engng. J.*, Montreal, 40:7:978-984. July 1957.
- 1957/9 BRUCE, J. P.
Hydrometeorology and its applications in Ontario. *Trans. Roy. Soc. Can.*, Series 3, 51:63-70. 1957.
- 1957/10 BRUCE, J. P. and J. G. POTTER
Accuracy of precipitation measurements. *Roy. Meteor. Soc., Canadian Branch*, 8:1:1-15. 1957.
- 1957/11 BRUCE, J. P. and D. V. ANDERSON
The storm and floods of October 1954 in Southern Ontario. *International Union of Geodesy and Geophysics, Toronto General Assembly*, 1957. Vol. III, p.331-341.
- 1957/12 BURBIDGE, F. E. and J. R. LAUDER
A preliminary investigation into break-up and freeze-up conditions in Canada. Dept. of Transport, Met. Br., CIR-2939, TEC-252. 2 July 1957. 13p. and 6 figs. (Also *Roy. Meteor. Soc., Canadian Branch*, 8:1:16-39. 1957.)
- 1957/13 CALEF, W. et al.
Winter weather type frequencies, northern Great Plains. U.S. Army, Quartermaster Research and Engineering Command, Environmental Protection Research Div., Technical Report EP-64, Aug. 1957. 260p.
- 1957/14 CANADA, MET. BRANCH
Climatological summary, Mould Bay, N.W.T., Canada. Toronto, 1957. 92p.
- 1957/15 CANADA, DEPT. OF MINES AND TECHNICAL SURVEYS
Selected bibliography on sea ice distribution in the coastal waters of Canada. Geographical Branch, Bibliographical Series No. 18, Ottawa, 1957. 50p.
- 1957/16 CANADA, FISHERIES RESEARCH BOARD
Data Record, Ocean Weather Station "Papa" (Latitude 50° 00' N Longitude 145° 00' W) 1956. Joint Committee on Oceanography, Pacific Oceanographic Group, Nanaimo, B.C., July 1, 1957. 122p.
- 1957/17 CHANG, J.
Global distribution of the annual range in soil temperature. *Trans. Amer. Geophys. Un.*, 38:5:718-723. Oct. 1957.
- 1957/18 CHANG, J.
World patterns of monthly soil temperature distribution. *Ann. Ass. Amer. Geogr.*, 47:3:241-249. Sept. 1957.
- 1957/19 CLODMAN, J.
Anisotropic high level turbulence. *Roy. Meteor. Soc., Quart. J.*, 83:355:116-120. Jan. 1957.
- 1957/20 CLODMAN, J.
Some statistical aspects of cirrus cloud. *Mon. Weath. Rev.*, 85:2:37:41. Feb. 1957.
- 1957/21 CRAWFORD, C. B. and R. F. LEGGET
Ground temperature investigations in Canada. *Engng J.*, Montreal, 40:3:263-269. March 1957. (Also as Research Paper No. 33, Div. of Building Research, National Research Council, Ottawa.)
- 1957/22 FRASER, D. A.
Annual and seasonal march of soil moisture under a hardwood stand. Dept. of Northern Affairs and National Resources, Forestry Branch, Forest Research Division, Technical Note No. 55, 1957. 25p.

- 1957/23 FRASER, D. A.
Annual and seasonal march of soil temperature on several sites under a hard-wood stand. Dept. of Northern Affairs and National Resources, Forestry Branch, Forest Research Division, Technical Note No. 56, 1957. 15p.
- 1957/24 GILBERT, G. H.
Meteorological factors affecting fallout. Dept. of National Health and Welfare, Canadian Civil Defence College, 1957. 8p.
- 1957/25 GILBERT, G. H.
Application of meteorology to planning against fallout. Defence Research Board, Canada, 1957. 6p.
- 1957/26 GOLD, L. W. and G. P. WILLIAMS
Some results of the snow survey of Canada. Eastern Snow Conference Proceedings, Vol. IV, 13th Meeting, Hanover, N.H. Feb. 9-10, 1956, p.42-51. (1957). (Also as Research paper No. 38, Division of Building Research, National Research Council, Canada, June 1957. 8p. and 7 figs.)
- 1957/27 GRACE, N. H.
Hailstorm research in Alberta. Agricultural Institute Review, Nov.-Dec. 1957. 4p.
- 1957/28 GREAT BRITAIN, AIR MINISTRY, MET. OFFICE
Climatological charts of the North Atlantic. H.M. Stationery Office, London, 1957. 12 charts.
- 1957/29 HAGE, K. D.
On summer cyclogenesis in Western Canada associated with upper cold lows. University of Chicago, Dept. of Meteorology, Scientific Report No. 1, June 1957. 87p.
- 1957/30 HARRY, K. F. and J. B. WRIGHT
The climate of Vancouver. Dept. of Transport, Met. Br., CIR-2985, TEC-258, Nov. 15, 1957. 51p.
- 1957/31 HENRY, T. J. G.
Multiple tropopauses in Canada, April 1954-March 1955. Dept. of Transport, Met. Br., CIR-2941, TEC-253. July 9, 1957. 3p. and 3 fig.
- 1957/32 HENRY, T. J. G.
Maps of upper winds over Canada. Dept. of Transport, Met. Br., Toronto, 1957. 61p.
- 1957/33 HERMAN, F. A. and E. GORHAM
Total mineral material, acidity, sulphur and nitrogen in rain and snow at Kentville, Nova Scotia. Tellus, 9:2:174-183. May 1957.
- 1957/34 HOGUE, D. W.
Temperatures of Northern North America. U.S. Army, Quartermaster Research and Development Center, Environmental Protection Research Division, Regional Environments Research Branch, Research Study Report, REP-9. (Rev.) Oct. 1957. 62p.
- 1957/35 HOLTZ, C. D.
The diurnal variation of surface wind speed at Rivers, Manitoba. Dept. of Transport, Met. CIR-2996, TEC-261, Dec. 23, 1957. 5p.
- 1957/36 Unassigned
- 1957/37 IRWIN, R. W. and D. F. WITHERSPOON
Flood damage to small dams and farm ponds associated with Hurricane Hazel. Agricultural Institute Review, 12:1:13-15. Jan.-Feb. 1957.
- 1957/38 IVES, J. D.
Glaciation of the Torngat Mountains, Northern Labrador. Arctic, 10:2:67-68. 1957.
- 1957/39 JACKSON, A. W.
The synoptic picture associated with moderate to heavy snowfall at Vancouver. Dept. of Transport, Met. Br., CIR-2900, TEC-249, Mar. 29, 1957. 9p.
- 1957/40 JENKINSON, A. F.
Relations between standard deviations of daily, 5 day, 10 day and 30 day mean temperatures. Met. Mag., 86:1020:169-176. June 1957.

- 1957/41 JOHNSON, O.
An analysis of gustiness over prairie grass and over a snow surface. Suffield Experimental Station, Technical Paper No. 104, Feb. 1957. 6p. and 10 fig.
- 1957/42 KINISKY, J. J.
Noctilucent clouds. Weather, 12:8:258-259. Aug. 1957.
- 1957/43 KLEIN, W. H.
Principal tracks and mean frequencies of cyclones and anticyclones in the Northern Hemisphere. United States Weather Bureau, Research Paper No. 40, 1957. 60p.
- 1957/44 LAYCOCK, A. H.
Precipitation and stream-flow in the mountain and foothill region of the Saskatchewan river basin. Prairie Provinces Water Board, Report No. 6, Jan. 1957. 34p. and 14 fig.
- 1957/45 LEE, R. and W. L. GODSON
The arctic stratospheric jet stream during the winter of 1955-56. J. Met., 14:2:126-135. April 1957.
- 1957/46 LONGLEY, R. W.
Temperature variations at Resolute, Northwest Territories. Dept. of Transport, Met. Br., CIR-2980, TEC-257. Nov. 1, 1957. 7p.
- 1957/47 McCLELLAN, D. E.
Temperature and precipitation limits. Dept. of Transport, Met. Br., CIR-2942, TEC-254. July 9, 1957. 2p. and 29p. tables.
- 1957/48 MACHATTIE, L. B.
Warm frontal passages at Ottawa (Uplands). Dept. of Transport, Met. Br., CIR-2921, TEC-250. May 8, 1957. 6p.
- 1957/49 MCGILL UNIVERSITY, MACDONALD PHYSICS LABORATORY
Activities of the Stormy Weather Group. April 1950 to March 1957. Montreal, 1957. 118p.
- 1957/50 MEEK, J. H. (Editor)
The Canadian program for the International Geophysical Year, May 1957. Associate Committee on Geodesy and Geophysics, National Research Council, 1957. 95p.
- 1957/51 OAK, W. W.
Ice on the Great Lakes. Mariners Weather Log, 1:2:21-24. March 1957.
- 1957/52 POTTER, J. G.
Mean duration and accumulation of snow cover in Canada. International Union of Geodesy and Geophysics, Toronto General Assembly, 1957. Vol. IV, p.82-87.
- 1957/53 REED, T. A.
The observatory at Toronto, 1840-1908. Canad. geogr. J., 55:6:234-243. Dec. 1957
- 1957/54 ROBINSON, E., W. C. THUMAN, and E. J. WIGGINS
Ice fog as a problem of air pollution in the Arctic. Arctic, 10:2:89-104. 1957.
- 1957/55 ROSS, R. B. and M. D. BLUM
Hurricane Audrey, 1957. Mon. Weath. Rev., 85:6:221-227. June 1957.
- 1957/56 THEAKSTON, F. N. and E. W. WALPOLE
Wind damage to farm buildings as a result of 1953 tornado storms. Agricultural Institute Review, 12:1:11-13. Jan.-Feb. 1957.
- 1957/57 THOMAS, M. K.
Changes in the climate of Ontario. In Changes in the Fauna of Ontario. Royal Ontario Museum, University of Toronto, 1957. p.57-75.
- 1957/58 THOMAS, M. K.
The climate of Canada. Encyclopaedia Canadiana, 2:406-412. 1957.

- 1957/59 THOMAS, M. K. and G. R. KENDALL
Climatic regions of Canada, and the growing season in Canada. In The Canadian Oxford Atlas of the World, Oxford University Press, (Second Edition.), 1957. p.3.
- 1957/60 THOMAS, M. K.
Monthly fog data. Dept. of Transport, Met. Br., CIR-2944. CLI-15, July 23, 1957. 11p.
- 1957/61 THOMAS, M. K.
Winter season snowfall data. Dept. of Transport, Met. Br., CIR-2994, CLI-17, Dec. 16, 1957. 20p.
- 1957/62 THOMAS, M. K. and D. W. BOYD
Wind chill in Northern Canada. The Canadian Geographer, 10:29-39. 1957.
- 1957/63 THOMAS, M. K. and D. W. BOYD
Data sheets-Canadian winter design temperatures. Air Conditioning, Heating and Ventilating, Sept. 1957. p.67-68.
- 1957/64 THOMAS, M. K. and J. P. BRUCE
Storm "Audrey" in Ontario, June 1957. Dept. of Transport, Met. Br., CIR-2961, TEC-256, Aug. 22, 1957. 13p. and 6 figs.
- 1957/65 THOMPSON, H. R.
The old moraines of Pangnirtung Pass, Baffin Island. J. Glaciol., 3:21:42-49. March 1957.
- 1957/66 WILLIAMS, G. P.
An analysis of snow cover characteristics at Aklavik and Resolute, Northwest Territories, Canada. National Research Council, Division of Building Research, Research Paper No. 40, Sept. 1957. 5p. and 7 fig.
- 1957/67 WILSON, H. P. and W. E. MARKHAM
A study of Arctic surface winds. Dept. of Transport, Met. Br., CIR-2923, TEC-251, May 13, 1957. 14p.
- 1957/68 LAUZIER, L. M.
Variation of surface water temperatures at St. Andrews, N.B. Fisheries Research Board of Canada, Atlantic Oceanographic Group, 23 July 1957. 15p.
- 1957/69 WHITE, H. S.
Tropical storms affecting the Great Lakes. Mariners Weather Log, 1:4:85-86. July 1957.
- 1957/70 BILELLO, M.
A survey of Arctic snow-cover properties as related to climatic conditions. U.S. Army, Corps of Engineers, Snow, Ice and Permafrost Research Establishment, Research Report No. 39, November 1957. 9p.
- 1957/71 SIM, V. W.
Geographical aspects of weather and climate at Eureka, Northwest Territories. Geographical Bulletin, 10:37-53. 1957.
- 1957/72 Unassigned
- 1957/73 GOLD, L. W.
Influence of snow cover on heat flow from the ground—some observations made in the Ottawa area. International Union of Geodesy and Geophysics, Toronto General Assembly, 1957. Vol. IV, p.13-21. (Reprinted as Research Paper No. 63, Division of Building Research, National Research Council Ottawa.)
- 1957/74 LOTZ, J. R.
Glacial meteorological observations in northern Ellesmere Island during Phase I of "Operation Hazel" 1957. McGill University, November 1957. 47p. Supplement No. 1, 14p., Supplement No. 2, 49p.
- 1957/75 MACHATTIE, L. B.
Topoclimatology Roy. Meteor. Soc., Canadian Branch, 8:5:1-9. 1957.

1957

1957/76 ROBERTSON, G. W. and R. M. HOLMES

A new concept of the measurement of evaporation for climatic purposes.
International Union of Geodesy and Geophysics, Toronto General Assembly,
1957. Vol. III, p.399-406.

1957/77 WILLIAMS, G. P.

Variability of physical characteristics of snow cover across Canada. International Union of Geodesy and Geophysics, Toronto General Assembly, 1957. Vol. IV p.158-165. (Reprinted as Research Paper No. 62, Division of Building Research, National Research Council, Ottawa.)

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| Labrador..... | 1861/1 | 1898/3 | 1902/1 | | | |
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| ABBE, C. | 1898/5 | BARRETT, H. M. | 1938/2 |
| ADAMS, J. | 1916/1 | BARRON, W. E. | 1933/1, 1934/1 |
| AHLMAN, H. W. | 1948/1 | BARTHOLOMEW, J. G. | 1899/1 |
| ALBRIGHT, J. C. | 1944/1 | BAUM, W. A. | 1956/47 |
| ALBRIGHT, W. D. | 1922/1, 1944/2 | BAYFIELD, W. H. | 1835/1 |
| ALEXANDER, S. | 1861/1 | | |
| ALLEN, W. W. | 1947/1, 1947/2 | BAYNTON, H. W. | 1951/3, 1952/4, 1953/5, 1954/6, 1956/6 |
| ALLISON, A. | 1880/1 | BELCHER, SIR E. | 1855/1 |
| ALLISON, F. | 1867/1, 1868/1, 1869/1, 1870/1, 1872/1, 1872/2, 1873/1, 1873/2, 1874/1, 1875/1, 1876/1, 1877/1 | BECKEL, D. K. B. | 1957/2 |
| AMES, A. | 1948/2 | BELL, C. | 1957/3 |
| ANDERSON, D. V. | 1956/4, 1957/11 | BELL, C. N. | 1883/1, 1884/1 |
| ANDERSON, R. | 1952/1 | BELL, J. M. | 1929/1 |
| ANDREWS, A. N. | 1955/78 | BELL, R. | 1879/1, 1879/2, 1881/1, 1895/1 |
| ANDRUS, C. G. | 1943/1 | BELMONT, A. D. | 1954/7, 1955/5, 1955/6, 1957/4 |
| ANTEVS, E. | 1938/1, 1955/1 | BENUM, F. W. | 1944/4, 1948/30 |
| APPLEMAN, H. | 1956/1 | BERNHOLTZ, B. | 1956/62 |
| ARCHIBALD, D. C. | 1956/2 | BERRY, A. E. | 1937/2 |
| ARCHIBALD, E. S. | 1944/3 | BERRY, E. W. | 1930/1 |
| ARCHIBALD, S. W. | 1939/5 | BERRY, F. A. | 1953/6, 1953/7 |
| ARDEN, R. S. | 1957/1 | BERRY, W. M. | 1954/8 |
| ARMSTRONG, G. R. | 1949/17, 1953/2 | BEST, A. C. | 1955/18 |
| ARONIN, J. E. | 1953/3 | BIEL, E. R. | 1943/9 |
| AUSTIN, J. M. | 1942/1, 1944/8, 1956/3 | BILELLO, M. | 1957/70 |
| AYERS, J. C. | 1956/4 | BINDON, H. H. | 1949/3, 1950/4, 1950/5, 1951/4, 1953/8 |
| BACK, SIR G. | 1836/1, 1838/1 | BINGEMAN, M. E. | 1953/9 |
| BAER, F. | 1955/39 | BIRCHFIELD, G. E. | 1955/39 |
| BAER, K. E. | 1842/1 | BIRKET-SMITH, K. | 1933/2 |
| BAILEY, W. B. | 1949/1, 1949/2, 1953/4, 1954/2, 1954/3, 1954/32, 1955/3, 1956/5 | BLACK, W. A. | 1956/7 |
| BAILLAIRGÉ, G. F. | 1891/1 | BLACKWELL, T. F. | 1869/4 |
| BAIRD, P. D. | 1947/3, 1950/2, 1951/1, 1952/3, 1954/4, 1955/4 | BLAIR, T. A. | 1934/2, 1942/2 |
| BAJKOV, A. D. | 1941/1 | BLANCHET, G. H. | 1930/2 |
| BAKER, F. W. | 1950/3 | BLODGET, L. | 1857/1 |
| BANKS, R. E. | 1952/32 | BLUM, M. D. | 1957/55 |
| BARACOS, A. | 1954/5 | BLUNT, W. T. | 1897/2 |
| BARKS, E. A. | 1951/2, 1951/67 | BOGUE, A. H. | 1930/3 |
| BARLOW, E. W. | 1954/25 | BONNEYCASTLE, R. E. | 1829/1 |
| BARNES, H. T. | 1904/4, 1906/2, 1907/6, 1913/1, 1913/3, 1914/1 | BONNLANDER, B. H. | 1955/6, 1956/52 |
| | | BORCHERT, J. R. | 1950/6, 1953/10 |
| | | BOUGHNER, C. C. | 1937/3, 1940/1, 1943/2, 1948/4, 1950/7, 1953/11, 1955/7, 1956/8, 1956/9, 1956/10 |
| | | BOVILLE, B. W. | 1950/8, 1954/54 |
| | | BOWER, D. | 1953/12 |

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| BOWERMAN, A. | 1886/1 | CLARK, W. G. | 1956/14 |
| BOWIE, E. H. | 1917/1 | CLARKE, S. E. | 1947/9 |
| BOYD, D. W. | 1947/4, 1950/9, 1954/68, 1955/8, 1955/9, 1955/10, 1955/11, 1955/23, 1955/71, 1956/11, 1956/50, 1957/62, 1957/63 | CLAYTON, H. H. | 1927/1, 1934/4, 1947/10 |
| BRADDELEY, R. E. | 1833/1 | CLINCH, R. L. | 1955/17 |
| BREMMER, P. C. | 1952/58 | CLODMAN, J. | 1953/24, 1953/63, 1956/16, 1957/19, 1957/20 |
| BRISTOR, C. L. | 1951/5 | COLEMAN, A. P. | 1921/2 |
| BROOKS, C. E. P. | 1919/1, 1950/10, 1950/11 | COLLINS-WILLIAMS, C. | 1955/18 |
| BROOKS, C. F. | 1915/1, 1918/1, 1936/1, 1947/5 | CONGER, N. B. | 1908/6 |
| BROOKS, E. M. | 1954/10 | CONNOR, A. J. | 1915/4, 1918/2, 1920/1, 1922/3, 1926/1, 1930/4, 1931/1, 1931/2, 1933/3, 1936/1, 1936/2, 1937/5, 1939/1, 1941/3, 1945/3, 1947/11, 1948/7, |
| BROOKS, E. S. | 1947/5 | CONRAD, V. | 1949/5 1942/3 |
| BROWN, A. H. | 1955/12 | COOK, F. A. | 1955/19 |
| BROWN, R. H. | 1940/2 | COOKE, D. S. | 1952/9, 1953/25 |
| BROWN, P. R. | 1953/13 | COPP, S. C. | 1956/17 |
| BROWN, R. J. E. | 1957/6 | CORTON, E. L. | 1955/20 |
| BRUCE, J. P. | 1951/6, 1957/7, 1957/8, 1957/9, 1957/10, 1957/11, 1957/64 | COURT, A. | 1948/8, 1949/6 |
| BRUN, P. | 1952/6, 1953/14 | COX, H. J. | 1917/2 |
| BRYCE, P. H. | 1903/1 | CRAIGIE, J. H. | 1934/5 |
| BUCKINGHAM, H. | 1907/1 | CRAIGIE, W. | 1854/2 |
| BUCKLER, S. J. | 1956/12 | CRARY, A. P. | 1955/21 |
| BURBIDGE, F. E. | 1951/7, 1957/12 | CRAWFORD, C. B. | 1951/10, 1952/10, 1952/30, 1955/22, 1955/23, 1956/17, 1957/21 |
| BURKE, C. J. | 1945/1 | CRAWFORD, L. C. | 1953/105 |
| BURTON, A. C. | 1955/13 | CROCKER, A. M. | 1949/7, 1951/25, 1952/11 |
| BYERS, H. R. | 1941/2 | CRONIN, F. | 1956/18 |
| CALDWELL, O. G. | 1936/4 | CROSS, C. M. | 1950/15 |
| CALEF, W. | 1950/12, 1957/13 | CROWE, P. R. | 1936/3 |
| CALLENDAR, G. S. | 1955/14 | CURRIE, B. W. | 1947/12, 1948/9, 1951/11, 1953/27, 1953/28, 1954/12, 1954/13, 1954/14, 1954/15, 1954/16, 1955/40 |
| CAMERON, H. | 1944/4, 1953/16 | CURRIE, D. B. | 1951/70 |
| CAMPBELL, W. D. C. | 1856/1 | DADE, REV. C. | 1862/1 |
| CAMSELL, C. | 1919/2 | DAGENAIS, P. | 1942/4 |
| CARPENTER, A. B. | 1940/5 | DAVISON, A. E. | 1943/4 |
| CARPMAEL, C. | 1881/2 | DAW, J. E. | 1929/2 |
| CARRUTHERS, N. | 1950/11 | DAWSON, G. M. | 1888/1 |
| CARTER, H. G. | 1935/1 | DAY, D. C. | 1951/12 |
| CAVADIAS, G. S. | 1955/79 | DAY, P. C. | 1924/1, 1926/2 |
| CHAMBERLIN, T. C. | 1923/2 | DEBENHAM, F. | 1930/5 |
| CHAMPLIN, M. J. | 1950/14 | DE LA BARRE, E. B. | 1902/1 |
| CHANDLER, D. C. | 1956/4 | DE LA RUE, A. E. | 1950/1 |
| CHANG, J. | 1957/17, 1957/18 | DE LURY, R. E. | 1938/5 |
| CHAPMAN, J. D. | 1952/8, 1956/13 | DENISON, F. N. | 1908/1, 1925/1, 1932/2, 1934/6 |
| CHAPMAN, L. J. | 1938/18, 1953/23, 1956/39 | | |
| CHAPMAN, S. | 1935/2 | | |
| CHAPPELL, E. | 1817 | | |
| CHERRIMAN, J. B. | 1853/3, 1854/1 | | |
| CHIPMAN, W. | 1895/4 | | |
| CHURCH, P. E. | 1938/3, 1938/4 | | |

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| DE PERCIN, F..... | 1954/17, 1954/18, 1956/19 | |
| DE QUERVAIN, M. R..... | 1950/16 | |
| DESSUREAUX, L..... | 1949/8 | |
| DEWAR, D..... | 1950/11 | |
| DEWAR, S. W..... | 1952/12, 1953/103 | |
| DEWEY, C..... | 1838/2, 1839/4, 1859/3 | |
| DEXTER, R. V..... | 1944/6, 1947/13, 1947/14, 1948/10, 1953/29, 1954/19, 1956/20 | |
| DICKSON, J..... | 1952/6 | |
| DILLON, L. S..... | 1956/21 | |
| DOAN, K. H..... | 1942/15 | |
| DOANE, F. W. W..... | 1896/1, 1900/1, 1904/1, 1905/1, 1910/1 | |
| DOE, L. A. E..... | 1951/13, 1953/96 | |
| DOLE, R. M..... | 1928/1 | |
| DÖLL, L..... | 1937/6 | |
| DOREY, D. B..... | 1955/24 | |
| DORRANCE, R. L..... | 1917/3 | |
| DORSEY, H. G..... | 1946/1, 1949/9, 1951/14 | |
| DOUGLAS, R. H..... | 1954/20 | |
| DRUMMOND, A. T..... | 1889/2, 1889/3, 1890/2, 1896/2 | |
| DUJAY, W. C..... | 1954/82 | |
| DUNBAR, M..... | 1954/21, 1956/22, 1956/23 | |
| DUNBAR, M. J..... | 1947/15, 1951/15, 1952/28, 1954/22, 1955/25 | |
| DURST, C. S..... | 1950/11 | |
| DYMOND, J..... | 1770/1 | |
| EDHOLM, O. G..... | 1954/23, 1955/13 | |
| EICHMEIER, A. H..... | 1951/16 | |
| EINARSSON, E..... | 1955/26, 1955/27 | |
| ELLIOTT, R. D..... | 1949/10 | |
| ELLIS, F. W..... | 1884/3 | |
| ELLIS, J. H..... | 1936/4 | |
| ELLIS, H. M..... | 1951/17 | |
| ELSLY, E. M..... | 1951/18 | |
| ELSON, J. A..... | 1947/38 | |
| ELVINS, A..... | 1908/2 | |
| ESHLEMAN, C. H..... | 1921/6 | |
| ESPENSHADE, E. B..... | 1956/60 | |
| FAIRCHILD, C. C..... | 1902/3 | |
| FALKOWSKI, S. J..... | 1954/17, 1956/19 | |
| FARROW, R. C..... | 1937/7, 1942/5 | |
| FIELD, W. O..... | 1951/19 | |
| FINLAYSON, H. M..... | 1952/13, 1952/67 | |
| FLEMING, M. R..... | 1951/20 | |
| FLINT, R. F..... | 1947/16, 1952/14, 1955/28 | |
| FLOHN, H..... | 1955/29 | |
| FOBES, C. B..... | 1945/4 | |
| FORBES, A..... | 1953/30 | |
| FORWARD, C. N..... | 1954/24 | |
| FOSTER, L. B..... | 1951/21 | |
| FOTHERGILL, N. D..... | 1953/36 | |
| FOX, R. L..... | 1952/15 | |
| FRANKCOM, C. E. N..... | 1954/25 | |
| FRASER, D..... | 1949/31, 1950/36 | |
| FRASER, D. A..... | 1957/22, 1957/23 | |
| FRAZER, J. E..... | 1950/17 | |
| FREEMAN, J. R..... | 1926/3 | |
| FRENCH, R. de L..... | 1932/3 | |
| FROST, B. C..... | 1954/26 | |
| FROST, R. L..... | 1934/7 | |
| FRUTH, J..... | 1901/2 | |
| FULKS, J. R..... | 1954/27 | |
| GAMAGE, L. A..... | 1956/29 | |
| GANONG, W. F..... | 1952/16 | |
| GARRIOT, E. B..... | 1903/2 | |
| GAUTIER, J. A..... | 1870/2, 1877/2 | |
| GIBSON, R. A..... | 1945/5 | |
| GIDDINGS, J. L..... | 1954/28 | |
| GIDDINGS, J. W. JR..... | 1947/20 | |
| GILBERT, G. H..... | 1944/7, 1953/31, 1955/30, 1957/24, 1957/25 | |
| GILL, G. C..... | 1944/10 | |
| GILLIES, D. K. A..... | 1954/29, 1956/62 | |
| GLENESK, N. A..... | 1951/12, 1951/23 | |
| GODBOUR, E..... | 1949/8 | |
| GODSON, W. L..... | 1949/18, 1950/18, 1950/19, 1952/17, 1954/54, 1955/31, 1955/32, 1955/33, 1955/34, 1956/58, 1957/45 | |
| GOLD, L. W..... | 1950/28, 1951/55, 1952/18, 1953/33, 1954/30, 1956/24, 1956/25, 1957/26, 1957/73 | |
| GOLDTHWAIT, D. A..... | 1948/2 | |
| GOODBRAND, C. G..... | 1949/11 | |
| GOODMANSON, M. M..... | 1944/12 | |
| GORDON, A. R. JR..... | 1950/20 | |
| GORHAM, E..... | 1957/33 | |
| GOULD, D. H..... | 1951/51 | |
| GOWAN, E. H..... | 1953/34 | |
| GRAARUD, A..... | 1932/4 | |
| GRACE, N. H..... | 1957/27 | |
| GRAHAM, R. C..... | 1943/5 | |
| GRAINGE, J. W..... | 1956/17 | |
| GRASSHAM, R. T..... | 1907/2 | |
| GRAY, G. J..... | 1951/24 | |
| GRAY, J. L..... | 1945/6 | |
| GREELY, A. W..... | 1886/3 | |
| GREENAWAY, K. R..... | 1950/21, 1952/28 | |

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| GROISSMAYR, F. B. | 1946/2 | HIND, H. Y. | 1878/1, 1899/2 |
| GUILLET, C. | 1904/2 | HINGSTON, SIR W. H. | 1884/2 |
| GUNN, K. L. S. | 1952/37 | HINTON, E. | 1938/9 |
| GUNN, W. W. H. | 1951/25 | HOBBS, W. H. | 1910/2, 1948/13 |
| GUTENBERG, B. | 1953/35 | HODGINS, J. G. | 1855/3 |
| GUTSELL, B. V. | 1949/13 | | |
| HACHEY, H. B. | 1933/4, 1934/8, 1934/9, 1935/3, 1938/6, 1939/2, 1948/12, 1949/1, 1949/2, 1949/14, 1949/15, 1952/19, 1952/20, 1953/36, 1954/32, 1954/33 | HOGUE, D. W. | 1957/34 |
| HAGE, K. D. | 1954/34, 1957/29 | HOLLAND, J. D. | 1956/27 |
| HALE, E. B. | 1947/21 | HOLLISTER, H. J. | 1954/39, 1956/28 |
| HALL, C. F. | 1879/3 | HOLMES, R. M. | 1956/46, 1957/76 |
| HALL, H. E. | 1945/7 | HOLTZ, C. D. | 1957/35 |
| HALLIDAY, W. E. D. | 1950/22 | HOOPER, F. | 1953/8 |
| HALLMAN, E. S. | 1950/23 | HOOVER, O. H. | 1938/13, 1948/14 |
| HAMILTON, R. A. | 1946/3 | HOPE, E. C. | 1938/26 |
| HANBURY, D. T. | 1900/2, 1904/3 | HOPKINS, J. W. | 1935/4, 1935/5, 1936/6, 1936/7, 1937/11, 1938/10, 1938/11, 1938/12, 1939/3, 1941/5, 1941/6, 1941/7 |
| HANSEN, J. P. | 1947/22 | HOPKINSON, J. | 1898/2 |
| HANZAWA, M. | 1956/61 | HORNSTEIN, R. A. | 1948/15, 1950/26, 1951/34, 1951/35, 1952/23, 1954/40, 1954/41, 1954/42 |
| HANZLIK, S. | 1937/10 | HOSLER, C. L. | 1956/29 |
| HARE, F. K. | 1949/16, 1950/24, 1950/25, 1951/26, 1951/27, 1951/28, 1951/29, 1952/21, 1953/37, 1955/35, 1955/36 | HOVDE, M. R. | 1934/10 |
| HARRINGTON, E. L. | 1928/2 | HOWE, G. F. | 1925/2 |
| HARRIS, D. L. | 1953/38 | HOWELL, W. E. | 1952/24, 1953/40, 1953/41, 1953/42 |
| HARRISON, L. P. | 1933/5 | HOYT, W. G. | 1944/11 |
| HARRY, K. F. | 1951/31, 1957/30 | HUBERT, Frère | 1952/25 |
| HATTERSLEY-SMITH, G. | 1952/28 | HUGHES, L. A. | 1955/39 |
| HAYFORD, J. F. | 1922/4 | HULL, T. E. | 1949/18 |
| HAYNES, B. C. | 1956/42 | HUME, J. I. | 1953/43 |
| HAUROWITZ, B. | 1938/7, 1938/8, 1944/8 | HUNTINGTON, E. | 1924/2, 1945/8 |
| HAWBOLDT, L. S. | 1952/22 | HUNTSMAN, A. G. | 1930/6 |
| HEINTZELMAN, O. H. | 1955/38 | HURDIS, J. L. | 1867/2 |
| HENN, C. B. | 1839/1 | HURLBURT, J. B. | 1872/3, 1880/2 |
| HENRY, A. J. | 1902/2, 1905/2, 1928/3 | HUSTICH, I. | 1949/19 |
| HENRY, T. J. G. | 1947/23, 1949/17, 1951/32, 1954/35, 1957/31, 1957/32 | HUTCHEON, N. B. | 1954/43, 1956/31 |
| HENSEL, S. L. | 1956/3 | HUTCHINSON, D. L. | 1909/3, 1911/2 |
| HENSON, W. R. | 1951/33, 1954/36 | INGERSOL, E. | 1888/2 |
| HEPWORTH, M. W. C. | 1905/3 | INGLIS, P. | 1953/44 |
| HERMAN, F. A. | 1957/33 | IRWIN, R. W. | 1957/37 |
| HERMANN, F. | 1954/32 | IVES, J. D. | 1957/38 |
| HEUSSER, C. J. | 1954/37, 1954/38, 1956/26 | JACKSON, A. W. | 1957/39 |
| HEWSON, E. W. | 1943/8, 1944/9, 1944/10 | JACOBS, L. | 1945/9 |
| HIGHSMITH, R. M. JR. | 1955/38 | JACOBS, W. C. | 1956/42 |
| HILL, K. W. | 1953/39 | JACOBSON, W. C. | 1951/36 |
| | | JAILER, R. W. | 1955/77 |
| | | JAMES, M. F. | 1935/5 |
| | | JEFFERSON, M. | 1918/3 |
| | | JENKINSON, A. F. | 1957/40 |
| | | JENNESS, J. L. | 1949/20, 1953/45 |

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| JOHNS, P. | 1954/44 | LAUTZENHIZER, R. E. | 1953/53 |
| JOHNSON, C. B. | 1948/16 | LAUZIER, L. | 1952/29, 1954/49, 1957/68 |
| JOHNSON, E. C. | 1953/47 | LAWRENCE, D. B. | 1951/40, 1953/54 |
| JOHNSON, H. N. | 1936/8 | LAYCOCK, A. H. | 1957/44 |
| JOHNSON, L. P. V. | 1940/7 | LEE, D. H. K. | 1949/23 |
| JOHNSON, O. | 1953/48, 1956/30, 1957/41 | LEE, J. D. | 1950/29 |
| JOHNSTON, H. | 1953/46 | LEE, R. | 1953/65, 1955/43, 1957/45 |
| JOHNSTON, W. A. | 1930/7 | LEE, S. C. | 1922/5 |
| JOHNSTONE, C. L. | 1951/6 | LEFROY, Sir J. H. | 1852/1, 1855/6 |
| JONES, O. O. | 1953/49 | LEGGET, R. F. | 1948/19, 1948/20, 1949/47, 1951/41, 1952/30, 1957/21 |
| KAMINSKI, H. S. | 1954/45 | LEIGHLY, J. | 1941/8 |
| KANE, E. K. | 1853/4, 1856/2 | LEMONS, H. | 1949/23 |
| KATZ, M. | 1952/51 | LEPPARD, R. E. | 1953/34 |
| KAYLOR, R. E. | 1955/39 | LESLIE, L. | 1953/14 |
| KEELE, J. | 1910/3 | LILLY, J. E. | 1934/11 |
| KELLY, W. | 1832/1, 1837/1, 1837/2 | LINSLEY, R. K. | 1952/31, 1953/55 |
| KENDALL, G. R. | 1956/11, 1956/32, 1956/33 | LLOYD, T. | 1943/10 |
| KENDREW, W. G. | 1949/21, 1953/50, 1955/40, 1956/34 | LONGARD, J. R. | 1952/32 |
| KENNEDY, D. B. | 1954/46 | LONGLEY, R. W. | 1942/8, 1944/9, 1944/13, 1947/25, 1949/24, 1950/30, 1951/42, 1951/43, 1952/33, 1952/34, 1953/56, 1953/57, 1953/58, 1954/50, 1954/51, 1954/52, 1956/10, 1957/46 |
| KERR, D. P. | 1950/27, 1951/37, 1951/38, 1956/34 | LOW, A. B. | 1955/26 |
| KERRY, J. G. G. | 1946/4 | LOW, A. P. | 1887/3, 1888/3, 1898/3 |
| KETCHEN, K. S. | 1956/35 | LOTZ, J. R. | 1957/74 |
| KEULEGAN, G. H. | 1953/51 | LYDE, L. W. | 1907/4 |
| KIMBLE, G. H. T. | 1955/41 | LYSGAARD, L. | 1949/25, 1950/31 |
| KINDLE, E. M. | 1920/2, 1924/3, 1925/3 | LOUDON, W. J. | 1905/4, 1907/3, 1908/3 |
| KING, R. | 1836/1 | MACCLURE, K. C. | 1946/6 |
| KINGSTON, G. T. | 1857/2, 1858/1, 1858/2, 1860/1, 1861/2, 1862/2, 1863/1, 1864/2 | MACDONALD, A. | 1947/26 |
| KINISKY, T. J. | 1957/42 | MACDONALD, C. S. | 1933/6 |
| KIRK, D. W. | 1951/39 | MACDONALD, W. F. | 1938/14 |
| KLEIN, G. J. | 1948/17, 1950/28 | MACGREGOR, C. J. | 1862/3, 1863/2, 1870/4 |
| KLEIN, W. H. | 1946/5, 1957/43 | MACHATTIE, L. B. | 1951/46, 1957/48, 1957/75 |
| KLING, S. | 1948/18 | MACKENZIE, C. J. | 1936/10 |
| KNOX, J. L. | 1952/27, 1953/52, 1955/42 | MACOUN, J. | 1881/3, 1903/3 |
| KOENIG, L. S. | 1952/28 | MACOUN, W. T. | 1921/3 |
| KOEPP, C. E. | 1931/3 | MAHAFFY, F. J. | 1952/36 |
| KOLB, L. L. | 1944/12 | MAIN, T. C. | 1935/6 |
| KREUGER, A. F. | 1954/47 | MALCOLM, W. | 1919/2 |
| KULLMER, C. J. | 1936/9 | MANLY, G. | 1955/44 |
| KULP, J. L. | 1955/21 | M'ANSLAN, W. | 1888/6 |
| LACHLAN, R. | 1855/5 | MARIS, H. B. | 1931/4 |
| LAMARR, W. H. | 1884/3 | MARKHAM, S. F. | 1947/27 |
| LAMB, W. | 1938/13 | MARKHAM, W. E. | 1951/80, 1952/65, 1953/59, 1953/103, 1957/67 |
| LAMONT, A. H. | 1949/22, 1956/36 | MARR, N. | 1938/27 |
| LANDSBERG, H. | 1943/9, 1945/10 | | |
| LANGBEIN, W. B. | 1944/11 | | |
| LANGILLE, R. C. | 1947/28 | | |
| ANGLEBEN, M. P. | 1953/60 | | |
| LAUDER, J. R. | 1954/48, 1957/12 | | |
| LAUFF, G. H. | 1956/4 | | |

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| MARSHALL, E. W..... | 1955/21 | MILLAR, F. G..... | 1936/11, 1937/12, 1952/45 |
| MARSHALL, J. S.....1947/28, 1952/37, 1952/53 | | MILLER, A. A..... | 1951/51, 1953/68 |
| MASON, A. H..... | 1955/45 | MILLER, E. R..... | 1934/14 |
| MASSEY, E. E..... | 1953/62 | MILLS, R. W..... | 1916/3 |
| MATEER, C. L.....1954/84, 1955/46, 1956/58 | | MILNE, J. A. S..... | 1957/1 |
| MATH, F. A..... | 1934/12 | MIRRLEES, S. T..... | 1932/5 |
| MATHER, W. W..... | 1848/1 | MISENER, A. D..... | 1955/48 |
| MATHEWS, W. H..... | 1951/44, 1956/37 | MITCHELL, G. S..... | 1949/6 |
| MATHIASSEN, T..... | 1945/11 | MITCHELL, J. L..... | 1952/46 |
| MCCAUL, C. C..... | 1888/4 | MOAKLER, J. J..... | 1949/3, 1953/69 |
| MCCLAIN, E. P..... | 1952/38 | MOHN, H..... | 1907/7 |
| MCCELLAN, D. E..... | 1952/1, 1957/47 | MONROE, E..... | 1956/40 |
| MCCLINTOCK, Sir. F. L..... | 1862/4 | MONSINGER, M. N..... | 1940/9, 1943/12, 1947/29 |
| MCCLURE, Sir R. J. L..... | 1857/3 | MONTGOMERY, M. R..... | 1949/16, 1949/27, 1949/28, 1950/2 |
| MCCONNELL, R. G..... | 1891/2 | MOOK, C. P..... | 1953/47 |
| MCCORMICK, D. G..... | 1951/45, 1952/39, 1954/53 | MOSBY, O..... | 1939/4 |
| MCCURDY, A. W..... | 1907/5 | MOSELEY, E. L..... | 1903/6 |
| MCDIARMID, F. A..... | 1908/4 | MOUAT, J. G..... | 1883/2 |
| MCDOUGAL, E. G..... | 1920/3 | MULLER, F. B..... | 1954/54 |
| MCDOUGALL, E..... | 1925/4 | MULLER, S. W..... | 1947/30 |
| MCDOUGALL, G. F..... | 1857/4 | MUNGALL, A. G..... | 1952/44 |
| MCGEARY, D. S..... | 1953/63 | MUNN, R. E..... | 1949/29, 1952/47, 1955/49 |
| MCINNES, W..... | 1909/4, 1913/2 | MUNNS, T..... | 1925/5 |
| MCINTYRE, D. P..... | 1950/33, 1953/65 | MURPHY, J. J..... | 1861/3 |
| MCKAY, G. A..... | 1952/35, 1953/64 | MUSHKAT, C. M..... | 1948/22 |
| MCKENNA, J. A. J..... | 1908/5 | MUTTIT, G. H..... | 1956/41 |
| MCKIBBON, R. R..... | 1933/7 | MYERS, H. V..... | 1953/70 |
| MCLEAN, D. A..... | 1949/26 | MYERS, W. J..... | 1863/3, 1864/6, 1865/2, 1865/3, 1866/1, 1866/2, 1867/3, |
| MCLEAN, N. B..... | 1928/4, 1929/3 | MYERS, U. G..... | 1868/2 1901/3 |
| MCLELLAN, H. J..... | 1952/40 | NAMAIS, J..... | 1955/50 |
| MCLEOD, C. H..... | 1885/2, 1886/4, 1887/4, 1904/4, 1906/2, 1907/6, 1913/3, 1914/1 | NELSON, E. R..... | 1951/52 |
| MCLEOD, D. C..... | 1953/76 | NESBITT, L. D..... | 1937/13 |
| MCLEOD, K. T..... | 1952/41, 1954/54 | NEUBERGER, R. L..... | 1944/14 |
| MCMINN, R. G..... | 1952/42 | NOBLE, J. R. H..... | 1938/7 |
| MCMULLEN, D. N..... | 1952/43, 1953/66 | NORDENSKJOLD, O..... | 1928/5 |
| MCQUARRIE, A. F..... | 1951/47 | NORTON, W. C..... | 1950/39 |
| MCTAGGART-COWAN, P. D. | 1938/15, 1938/16, 1950/34, 1951/48, 1951/49, 1953/67 | NURKLIK, A..... | 1954/35 |
| MECKING, L..... | 1928/5 | NUTTONSON, M. Y..... | 1955/51 |
| MEEK, J. H..... | 1957/50 | OAKS, W. W..... | 1953/70, 1955/52, 1957/51 |
| MEEK, V..... | 1948/21 | OGILVIE, W..... | 1890/3 |
| MEIER, M. F..... | 1954/55 | OLIVER, M. B..... | 1949/30 |
| MERCER, J. H..... | 1956/38 | OLIVER, V. J..... | 1949/30 |
| MERCIER, R. G..... | 1956/39 | ORR, J. L..... | 1949/31, 1950/36, 1951/53 |
| MERRILL, C. L..... | 1951/50 | ORVIG, S..... | 1950/2, 1951/54, 1953/101, 1954/56, 1954/57, 1955/54 |
| MIDDLETON, W. E. K..... | 1934/13, 1935/7, 1936/11, 1943/11, 1944/22, 1946/7, 1952/44, 1953/104 | OSMOND, H. W..... | 1941/9, 1953/71 |
| OWENS, G. V..... | 1953/6, 1953/7 | | |

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| PACKER, R. W. | 1954/58 | RAUP, H. M. | 1942/10 |
| PALMER, A. E. | 1953/39 | REBMAN, E. J. | 1954/60 |
| PALMER, W. M. | 1947/28 | REED, T. A. | 1957/53 |
| PARDÉ, M. | 1948/23 | REED, T. R. | 1932/8 |
| PARMELE, O. S. | 1948/8 | REMICK, J. T. | 1942/11 |
| PARRY, Sir. W. E. | 1821/1, 1824/1, 1826/1 | RHEUMER, G. A. | 1953/81 |
| PATTERSON, J. | 1915/5, 1915/6, 1919/3, 1920/4, 1926/4, 1931/5, 1932/6, 1933/8, 1934/15, 1934/16, 1934/17, 1935/8, 1938/17, 1940/10, 1949/33 | RICHARDS, T. L. | 1954/61 |
| PAYNE, F. F. | 1895/2 | RICHARDSON, Sir J. | 1825/1, 1828/1, 1828/2, 1839/2, 1839/3, 1851/1, 1855/6, 1861/4 |
| PAYNE, H. V. | 1889/1 | RICHARDSON, R. W. | 1936/12 |
| PEARCE, D. C. | 1950/28, 1951/55, 1951/56 | RIEHL, H. | 1956/45 |
| PEARY, R. E. | 1907/8 | RIGBY, E. C. | 1952/53, 1953/60 |
| PEATTIE, R. | 1923/3 | RIGSBY, G. P. | 1954/55 |
| PECKOVER, F. L. | 1949/47 | RIPLEY, P. O. | 1941/11 |
| PEEL, R. | 1953/73 | ROBERTSON, G. W. | 1951/64, 1952/54, 1953/82, 1953/83, 1953/84, 1955/60, 1956/46, 1957/76 |
| PENNER, C. M. | 1941/10, 1948/24 | ROBINSON, E. | 1955/61, 1957/54 |
| PERKINS, E. A. | 1893/1 | ROBINSON, J. L. | 1944/15, 1945/12, 1946/8, 1946/9, 1951/65 |
| PERKINS, P. J. | 1955/55 | RODAHL, K. | 1954/62 |
| PERRIE, D. W. | 1949/34, 1949/35, 1950/37 | ROE, C. L. | 1952/55 |
| PERRY, P. C. | 1935/9, 1949/36 | ROE, F. G. | 1954/63 |
| PETERS, H. F. | 1955/62 | ROKEBY-THOMAS, H. R. | 1935/10 |
| PETTERSSEN, S. | 1949/37, 1956/42 | ROOT, C. J. | 1933/1, 1944/16 |
| PETTIT, K. G. | 1949/31, 1950/36, 1951/57, 1953/74 | ROSE, A. | 1766/1 |
| PETTIOT, E. F. S. T. | 1875/3 | ROSE, J. K. | 1937/14 |
| PHILLIPS, E. K. | 1936/10 | ROSENTHAL, S. L. | 1956/47 |
| PHILLIPS, N. A. | 1950/38 | ROSS, Sir J. | 1819/1, 1835/2 |
| PHILLIPS, R. A. J. | 1953/75 | ROSS, R. B. | 1957/55 |
| PICKARD, G. L. | 1953/76 | RUEDY, R. | 1945/14 |
| PICKERING, C. | 1951/47, 1955/56 | RYDER, T. | 1953/85 |
| PIERCE, C. H. | 1934/18, 1950/39 | SAALTINK, H. J. | 1955/17 |
| PINCOCK, G. L. | 1947/31, 1951/58, 1951/59, 1953/77, 1956/53 | SABINE, E. | 1845/1, 1853/5, 1853/6, 1857/5 |
| POOLE, H. S. | 1867/4, 1868/3, 1869/3, 1870/5, 1871/2 1872/4, 1880/3, 1910/4 | SALTZMAN, P. | 1950 41 |
| PORSILD, A. E. | 1949/38 | SANDERSON, M. | 1948/25, 1948/26, 1950/42, 1950/43, 1950/44, 1950/45, 1950/46, 1951/66, 1954/64 |
| POTTER, J. G. | 1951/60, 1952/49, 1953/11, 1953/78, 1955/57, 1955/58, 1955/59, 1956/43, 1956/44, 1957/10, 1957/52 | SANDIFORD, P. J. | 1956/62 |
| POWELL, L. B. | 1932/7 | SAWYER, J. S. | 1950 11 |
| POWER, B. A. | 1952/18, 1954/30 | SCHELL, I. I. | 1940/12, 1949/39 |
| PUTNAM, D. F. | 1938/18, 1940/11, 1942/9, 1952/50 | SCHOTT, G. | 1934/19 |
| RADCLIFFE, J. C. | 1952/51 | SCHROEDER, M. J. | 1950 47 |
| RAE, J. | 1850/1 | SCHULMAN, E. | 1946/10, 1956/48 |
| RAE, R. W. | 1950/40, 1951/61, 1951/62, 1952/52, 1953/79, 1953/80, 1954/59 | SCHYTT, S. V. | 1956 60 |
| | | SCORESBY, W. | 1820/1 |
| | | SHAFFER, W. H. | 1936 4 |
| | | SHAPLEY, H. | 1953 86 |
| | | SHARP, R. P. | 1954/4, 1954/55 |

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|--------------------|---|----------------------|--|
| SHAW, E. B. | 1936/13 | TAIT, G. W. C. | 1949/41 |
| SHERIDAN, L. W. | 1941/12 | TALBOT, E. A. | 1824/2 |
| SHERMAN, O. T. | 1883/3 | TALLMAN, E. G. | 1949/42, 1951/68 |
| SHUTT, F. T. | 1910/5, 1914/3, 1917/3 | TANNEHILL, I. | 1943/13 |
| SIM, V. W. | 1957/71 | TANNER, V. | 1947/34 |
| SISSENWINE, N. | 1949/6 | TARR, R. S. | 1897/1 |
| SLOCUM, G. | 1938/20, 1938/21, 1938/22 | TAYLOR, G. | 1938/24, 1941/13, 1947/35, 1949/43 |
| SMALLWOOD, C. | 1853/7, 1858/3, 1859/1, 1860/2 | TERASMAE, J. | 1955/80 |
| SMITH, C. D. Jr. | 1950/48, 1950/49, 1950/55, 1952/55 | THEAKSTON, F. N. | 1957/56 |
| SMITH, D. H. | 1951/70, 1953/87 | THEAMAN, J. R. | 1945/15 |
| SMITH, W. R. | 1893/2 | THIESSEN, A. D. | 1940/13, 1941/14, 1942/12, 1945/16, 1946/12 |
| SMITH, W. R. | 1953/8 | THOMAS, M. K. | 1948/4, 1949/44, 1951/69, 1953/92, 1953/93, 1953/94, 1953/95, 1954/67, 1954/68, 1955/65, 1955/66, 1955/67, 1955/68, 1955/69, 1955/70, 1955/71, 1956/10, 1956/32, 1956/33, 1956/50, 1957/57, 1957/58, 1957/59, 1957/60, 1957/61, 1957/62, 1957/63, 1957/64 |
| SMOLIAK, S. | 1955/62 | THOMPSON, C. E. | 1950/50, 1951/70, 1953/16, 1953/87, 1956/32, 1956/51 |
| SMYTH, R. | 1952/56 | THOMPSON, F. D. | 1947/36 |
| SOBISKI, L. J. | 1952/57 | THOMPSON, H. A. | 1951/70, 1953/103 |
| SPILHAUS, A. F. | 1953/104 | THOMPSON, H. R. | 1956/52, 1957/65 |
| SPORNS, U. | 1955/63 | THOMSON, A. | 1935/11, 1935/12, 1936/16, 1948/27, 1949/45, 1950/51, 1950/52, 1952/58, 1954/69 |
| STACEY, E. C. | 1946/11 | THOMSON, W. A. | 1934/21 |
| STAGG, J. M. | 1933/9, 1934/20 | THORN, W. A. | 1940/14, 1950/5, 1954/35 |
| STANSFIELD, J. | 1919/4 | THORNTHTWAITE, C. W. | 1931/6 |
| STARK, R. G. | 1953/88, 1954/65, 1954/66 | THUMAN, W. C. | 1957/54 |
| STARK, R. W. | 1954/36 | TOMKINS, W. G. | 1859/2, 1860/3 |
| STARR, V. P. | 1941/2 | TREWARTH, G. T. | 1937/15 |
| STARRETT, L. G. | 1949/40 | TULLY, J. P. | 1937/16, 1949/46, 1952/59, 1952/60, 1953/96 |
| STEFANSSON, V. | 1921/4, 1922/6, 1944/17 | TURNBULL, W. E. | 1938/8 |
| STEVENS, H. T. | 1955/64 | TURNER, A. R. | 1955/73 |
| STICHLING, W. | 1954/8 | TURNER, D. B. | 1956/13 |
| STIRLING, J. | 1763/1 | TURNER, J. A. | 1953/97, 1953/98, 1955/72, 1956/53, 1956/62 |
| STOKER, J. G. | 1944/2 | TURNOCK, W. J. | 1955/74 |
| STONE, R. G. | 1936/14 | TYNER, R. V. | 1950/53, 1951/71, 1951/72 |
| STORR, D. | 1953/89 | TYRRELL, J. B. | 1900/3, 1902/3, 1910/7 |
| STRACHAN, R. | 1879/4, 1880/4, 1882/1, 1885/3, 1888/5 | VAN HAARLEM, J. R. | 1948/28 |
| STUART, D. | 1938/23 | VAN ROYEN, W. | 1927/2 |
| STUPART, Sir R. F. | 1891/3, 1895/3, 1898/4, 1903/4, 1904/5, 1905/5, 1907/9, 1910/6, 1911/4, 1913/4, 1914/4, 1914/5, 1916/3, 1917/4, 1921/5, 1922/7, 1922/8, 1923/4, 1924/4, 1924/5, 1924/6, 1926/5, 1928/6, 1929/4 | | |
| SUMNER, A. S. | 1953/90 | | |
| SUNDE, A. | 1956/49 | | |
| SUTHERLAND, P. C. | 1852/4, 1853/8 | | |
| SVERDRUP, H. U. | 1936/15 | | |
| SWANSBURG, R. H. | 1951/67 | | |
| SWINAMER, E. M. A. | 1953/91 | | |

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|-------------------|--|--------------------|--|
| VEDERMAN, J. | 1950/55 | WHITE, H. S. | 1957/69 |
| VEYRET, P. | 1951/77 | WHEELER, A. O. | 1916/4 |
| VILLENEUVE, G. O. | 1943/19, 1946/16, 1948/29, 1954/74, 1954/75 | WHEELER, E. P. | 1935/13 |
| VILLMOW, J. R. | 1952/64, 1956/55 | WHITE, L. W. | 1954/18 |
| VISHER, S. S. | 1943/21 | WIGGIN, B. L. | 1950/57 |
| WALDICHUK, M. | 1953/100 | WIGGINS, E. J. | 1957/54 |
| WALES, W. | 1770/1 | WILKINS, E. B. | 1954/82 |
| WALKDEN, R. W. | 1948/30 | WILLETT, H. C. | 1933/10, 1944/21, 1950/58 |
| WALKER, E. R. | 1954/76 | WILLIAMS, G. P. | 1956/25, 1957/26, 1957/66, 1957/77 |
| WALKER, G. T. | 1934/22 | WILLIAMS, P. Jr. | 1948/32 |
| WALLIS, B. C. | 1915/7 | WILNER, J. | 1955/81 |
| WALPOLE, E. W. | 1957/56 | WILSON, C. F. | 1938/25 |
| WARD, W. H. | 1953/101, 1954/77, 1954/78 | WILSON, H. P. | 1951/79, 1951/80, 1952/65, 1953/6, 1953/7, 1953/103, 1957/67 |
| WASHBURN, G. H. | 1947/37 | WINCHESTER, J. W. | 1954/83 |
| WASKO, P. E. | 1954/79 | WINDER, W. | 1850/2 |
| WATSON, J. W. | 1956/56 | WING, L. W. | 1951/81 |
| WATT, J. | 1835/3 | WISNER, G. Y. | 1898/0 |
| WEBBER, B. C. | 1903/5, 1913/5 | WITHERSPOON, D. F. | 1957/37 |
| WEIGHTMAN, R. H. | 1917/1, 1931/7 | WONDERS, W. C. | 1949/49 |
| WEIR, T. R. | 1953/102 | WOOD, G. A. | 1956/59 |
| WELLINGTON, W. G. | 1945/17, 1949/50, 1950/59, 1952/66, 1954/36, 1954/80, 1954/81 | WOODWORTH, W. C. | 1950/20 |
| WEXLER, H. | 1936/17, 1937/17, 1948/31, 1950/56 | WRIGHT, J. B. | 1957/30 |
| | | WRIGHT, J. G. | 1943/20 |
| | | WRIGHT, J. R. | 1951/31 |
| ZACKS, M. B. | | ZACKS, M. B. | 1945/19 |
| ZIKEEV, N. A. | | ZIKEEV, N. A. | 1956/57 |

APPENDIX I

INDEX OF PERIODICALS WITH ABBREVIATIONS

| | |
|---|-----------------------------|
| L'Actualité Économique | |
| Agricultural History | |
| Agricultural Institute Review | |
| Agronomy Journal | |
| Akademii nauk Leningrad. Bulletin Scientifique | |
| Alaska Life | |
| American Industrial Hygiene Association Quarterly..... | Amer. Ind. Hygiene Ass. Q. |
| American Journal of Science..... | Amer. J. Sci. |
| American Meteorological Journal..... | Amer. Meteor. J. |
| American Society of Horticultural Science Proceedings | Amer. Soc. Hort. Sci. Proc. |
| Annals of the Association of American Geographers | Ann. Ass. Amer. Geogr. |
| Archives des sciences physiques et naturelles | |
| Arctic: Journal of the Arctic Institute of North America..... | Arctic |
| Arctic Circular..... | Arct. Circ. |
| Auk | |
| Aus dem Archiv der Deutschen Seewarte..... | Aus d. Arch. dtsh. Seew. |
| Beaver, | |
| Bulletin of the American Meteorological Society..... | Bull. Amer. Met. Soc. |
| Bulletin of the Geographical Society of Philadelphia..... | Bull. Geogr. Soc. Phila. |
| Bulletin of the Natural History Society of New Brunswick..... | Bull. Nat. His. Soc. N.B. |
| Canada Year Book | |
| Canadian Alpine Journal..... | Canad. alp. J. |
| Canadian Architect | |
| Canadian Aviation..... | Canad. Aviat. |
| Canadian Banker | |
| Canadian Engineer..... | Canad. Engr. |
| Canadian Entomologist..... | Canad. Ent. |
| Canadian Geographer | |
| Canadian Geophysical Bulletin..... | Canad. geophys. Bull. |
| Canadian Geographical Journal..... | Canad. geogr. J. |
| Canadian Journal | |
| Canadian Journal of Agricultural Science..... | Can. J. Agric. Sci. |
| Canadian Journal of Physics..... | Can. J. Phys. |
| Canadian Journal of Research..... | Canad. J. Res. |
| Canadian Journal of Technology..... | Can. J. Technology |
| Canadian Journal of Zoology..... | Can. J. Zoology |
| Canadian Naturalist..... | Canad. Nat. |
| Canadian Public Health Journal..... | Canad. publ. Hlth. J. |
| Canadian Record of Science..... | Canad. Rec. Sci. |
| Canadian Society of Technical Agriculturists | |
| Canadian Surveyor..... | Canad. Surveyor |
| Cereal News | |
| Culture | |
| Current Affairs | |
| Ecological Monographs..... | Ecol. Monog. |
| Ecology | |
| Economic Geography..... | Econ. Geogr. |
| Edinburgh Philosophical Journal | |

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|--|-----------------------------|
| Engineering Contract Record..... | Engng. Contr. Rec. |
| Engineering Journal (Montreal)..... | Engng. J., Montreal |
| Field Naturalist..... | Fld. Nat. |
| Flight | |
| Folia Geographica Danica..... | Folia geogr. dan. |
| Forest Chronicle..... | For. Chron. |
| Geofysiske Publikasjoner..... | Geofys. Publ. |
| Geografiska Annaler (Stockholm)..... | Geogr. Ann., Stockh. |
| Geographical Bulletin | |
| Geographical Journal..... | Geogr. J. |
| Geographical Review..... | Geogr. Rev. |
| Geographical Society of Philadelphia..... | Geogr. Soc., Phila. |
| Heartland | |
| Heating, Piping and Air Conditioning | |
| Heating and Ventilating..... | Heat. and Ventilating |
| Hermes | |
| Imperial Oil Review..... | Imp. Oil Rev. |
| International Association of Hydrology, Transactions | |
| International Review of the Science and Practice of Agriculture | |
| Journal of the American Society of Agronomy..... | J. Amer. Soc. Agron. |
| Journal of the American Waterworks Association..... | J. Amer. Wat. Wks. Ass. |
| Journal of the Biological Board of Canada..... | J. Biol. Bd. Canad. |
| Journal of the Cycle Research | |
| Journal of the Fisheries Research Board of Canada.... | J. Fish. Res. Bd. Can. |
| Journal of Geology..... | J. Geol. |
| Journal of Meteorology..... | J. Meteor. |
| Journal of Glaciology..... | J. Glaciol. |
| Journal of the Institute of Navigation..... | J. Inst. Navig. |
| Journal of the Royal Astronomical Society of Canada | J.R. astr. Soc. Can. |
| Lancet | |
| Mariners Weather Log | |
| Meteorologische Annaler | |
| Meteorological Magazine (London)..... | Met. Mag. |
| Meteorological Monographs, Boston | |
| Meteorologische Rundschau | |
| Meteorologische Zeitschrift..... | Met. Zeit. |
| Monthly Bulletin of Agricultural Statistics (Ottawa) | Mon. Bull. Agric. Statist. |
| Monthly Weather Review (Washington)..... | Mon. Weath. Rev. |
| National Geographical Magazine..... | Nat. Geogr. Mag. |
| Nature (Paris) | |
| Norsk Geographische Tidsskrift..... | Norsk. geogr. Tidsskr. |
| Oceanographical Magazine | |
| Ottawa Naturalist | |
| Papers of the Michigan Academy of Science, Arts and Letters..... | Pap. Mich. Acad. Sci. |
| Polarforschung | |
| Polar Record..... | Polar Rec. |
| Proceedings of the American Philosophical Society..... | Proc. Amer. Phil. Soc. |
| Proceedings of the Canadian Institute | Proc. Canad. Inst. |
| Proceedings of the Central Snow Conference | Proc. Cent. Snow Conf. |
| Proceedings of the National Ice Association of America | Proc. Nat. Ice Assoc. Amer. |

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| Proceedings of the Nova Scotia Institute of Science..... | Proc. N.S. Inst. Sci. |
| Proceedings of the Pacific Science Congress..... | Proc. Pacif. Sci. Congr. |
| Proceedings of the Pan-American Science Congress..... | Proc. Pan-Amer. Sci. Congr. |
| Proceedings of the Rochester Academy of Science..... | Proc. Rochester Acad. Sci. |
| Proceedings of the Royal Society of Canada..... | Proc. Roy. Soc. Can. |
| Public Affairs | |
| Revue Canadienne de Géographie..... | Rev. Canad. Geogr. |
| Revue de Géographie Alpine | |
| Roads and Bridges | |
| Royal Geographical Society Journal..... | Roy. Geog. Soc. J. |
| Royal Meteorological Society Quarterly Journal..... | Roy. Meteor. Soc., Quart. J. |
| Royal Society, London, Philosophical Transactions.... | Phil. Trans. |
| School | |
| Scientific Agriculture..... | Sci. Agric. |
| Scientific American..... | Sci. Amer. |
| Science | |
| Shell Aviation News | |
| Scottish Geographical Magazine..... | Scot. geogr. Mag. |
| Soil Science..... | Soil Sci. |
| Société de Géographie, Paris | |
| Symon's Meteorological Magazine..... | Symon's Met. Mag. |
| Tellus | |
| Transactions of the American Climatological and Clinical Association..... | Trans. Amer. Climatological and Clinical Assn. |
| Transactions of the American Fisheries Society..... | Trans. Amer. Fish. Soc. |
| Transactions of the American Geophysical Union..... | Trans. Amer. Geophys. Un. |
| Transactions of the American Philosophical Society.... | Trans. Amer. Phil. Soc. |
| Transactions of the American Society of Civil Engineers | |
| Transactions of the Canadian Institute..... | Trans. Amer. Soc. Civ. Engrs. |
| Transactions of the Canadian Society of Civil Engineers | |
| Transactions, Historical and Scientific Society of Manitoba | Trans. of the Canad. Inst. |
| Transactions of the Literary and Historical Society of Quebec | Trans. Canad. Soc. Civ. Engrs. |
| Transactions, Royal Astronomical Society of Canada | |
| Transactions of the Royal Canadian Institute..... | Trans. Roy. Canad. Inst. |
| Transactions of the Royal Society of Canada..... | Trans. Roy. Soc. Can. |
| Tree-ring Bulletin | |
| U.S. National Bureau of Standards Journal of Research | |
| Weather | |
| Weatherwise | |
| Weekly Weather and Crop Bulletin | |
| World's Work | |

APPENDIX II

LIST OF SUBJECTS USED IN INDEX

| | |
|------------------------------------|--------------------------------|
| Agricultural Meteorology | |
| Air Masses | Frontal Weather |
| Anemometers | Frost |
| Anticyclones | Frost Action |
| Architecture | Frost Depth |
| Arctic Air Masses | |
| Atlases | General |
| Atmospheric Circulation | Geography |
| Atmospheric Pollution | Glaciology |
| Aviation Weather | Gust Speeds |
| Barometers | Hail |
| Bibliographies | Health |
| Bioclimatology | Historical Weather Maps |
| Blizzards | History |
| Building Codes | Humidity |
| Building Research | Hurricanes |
| Chinooks | Hydrography |
| Climate | Hydrology |
| Climate Change | Hydrometeorology |
| Climatic Classification | Hythergraphs |
| Climatic Controls | |
| Climatic Cycles | Ice |
| Climatic Data | Ice Accretion |
| Climatic Services | Ice Age |
| Clothing | Ice Fog |
| Cloud Physics | Ice Islands |
| Clouds | Ice Storms |
| Coastal Weather | Illumination |
| Cyclones | Indoor Climate |
| Dendrochronology | Induced Precipitation |
| Design Temperatures | Instruments |
| Diurnal Variation of Humidity | International Geophysical Year |
| Diurnal Variation of Precipitation | Inversions |
| Diurnal Variation of Temperature | Irrigation |
| Diurnal Variation of Winds | |
| Drizzle | Jet Streams |
| Drought | |
| Dust | Lake Levels |
| Dynamic Climatology | Local Climate |
| Electric Power Systems | |
| Entomology | Methods |
| Evaporation | Microseisms |
| Evapotranspiration | |
| Exploration Reports | |
| Fisheries | Navigation |
| Floods | Normal Values |
| Flying Weather | November Storms |
| Fog | Nuclear Fall Out |
| Forecasting | |
| Forestry | Observations |
| Freezing Index | Ocean Currents |
| Freezing Precipitation | Oceanography |
| | Ozone |
| | Permafrost |
| | Phenomena |
| | Physiology |
| | Plant Diseases |

| | |
|---------------------------|---------------------------|
| Polar Year | Storms |
| Popular | Summer Weather |
| Precipitation | Sunshine |
| Precipitation Chemistry | Sunspots |
| Precipitation Extremes | Temperature |
| Precipitation Forecasting | Temperature Extremes |
| Precipitation Frequencies | Temperature Forecasting |
| Precipitation Pattern | Temperature Frequencies |
| Precipitation Trends | Temperature Gradient |
| Precipitation Variability | Temperature Periodicities |
| Pressure | Temperature Trends |
| Pressure Pattern Flying | Temperature Variability |
| Public Weather | Terminal Weather |
| | |
| Radiometeorology | Terminology |
| Radiosonde | Text Books |
| Rain | Thermometers |
| Rain Intensity | Thunderstorms |
| Rainfall Cycles | Topoclimatology |
| Ranching | Tornadoes |
| Runoff | Turbulence |
| | |
| Sailing Directions | Upper Air |
| Sea Ice | Upper Air Data |
| Seiches | Upper Winds |
| Singularities | Visibility |
| Smoke | |
| Snow | Water Conservation |
| Snow Ceilings | Water Spouts |
| Snow Cover | Water Temperature |
| Snow Crystals | Weather Cycles |
| Snow Density | Weather Flights |
| Snow Loads | Weather Journals |
| Snow Removal | Weather Notes |
| Snow Research | Weather Ships |
| Snow Surveys | Weather Stations |
| Soil Moisture | Weather Systems |
| Soil Temperatures | Wet Periods |
| Solar Radiation | Wind |
| Statistics | Wind Chill |
| Storm Damage | Winter Weather |

APPENDIX III

LIST OF GEOGRAPHICAL HEADINGS USED IN INDEX

British Columbia
Prairie Provinces (Alberta, Saskatchewan, Manitoba)
Ontario
Quebec
Maritime Provinces (New Brunswick, Nova Scotia, Prince Edward Island)
Labrador
Newfoundland
Northwest Territories
Yukon (Territory)
Pacific (Ocean)
Atlantic (Ocean)
Great Lakes
St. Lawrence (Gulf)
Hudson Bay
United States

APPENDIX IV

AN INVENTORY OF CANADIAN CLIMATIC DATA PERIODICALS

Canadian data periodicals and publications are being issued daily, weekly, monthly and annually by the Meteorological Branch and other organizations in Canada. Requests for data can often be handled by supplying copies of these publications and frequently a user finds it advantageous to subscribe to a publication. This inventory has been compiled both for the information of prospective users and as an aid in bringing Meteorological Branch personnel up-to-date on the availability of these periodicals.

As this inventory consists of periodicals only, many valuable data summaries and listings are not included. Such publications as the various Climatic Summaries, technical and climatological circulars, journal articles, scientific papers and special Arctic and upper air summaries purposely have not been listed in this inventory. The CLIMAT Maps, which are as yet only available on the facsimile circuit, are not listed here, nor are growing degree data which are not being made available on a regular basis.

The inventory is divided into two sections (A) listing of publications of the Meteorological Branch, and (B) publications issued by other organizations in Canada and abroad. A limited amount of information is given regarding each publication—when the periodical began, the originating office, the frequency of appearance, and some information about the content. The names of originating agencies are given for non-Meteorological Branch publications.

A. METEOROLOGICAL BRANCH PERIODICALS

1. *Monthly Meteorological Summary*—Issued monthly from about 33 different local meteorological offices in Canada and is usually available between the 3rd and 15th of the following month. The first summary was issued from Toronto in January 1941 but most of the summaries are of more recent origin. Daily values of all standard climatological elements are shown in these summaries along with hourly values of temperature, wind and humidity at some stations. Comparative values from the period of record are also listed for each month.
2. *Monthly Weather Map*—Issued monthly from Toronto since 1895 and is now published about 5 weeks after the close of each month. This periodical contains one page of text, a multi-paged table showing monthly values of temperature, precipitation and sunshine for about 1500 stations and maps of total precipitation and departure from normal temperature. Currently the publication consists of eight pages.

3. *Monthly Summary of Degree-Days*—Issued monthly from Toronto from September to May and contains monthly and heating seasonal accumulation of heating degree-days below 65°F, along with normal values for 50 Canadian cities and towns. This mimeographed summary is available about four weeks after the close of each month, while a special annual issue is available each summer containing a summary of heating degree-day information for the past heating season for 150 Canadian localities.
4. *Monthly Record of Meteorological Observations in Canada*—This publication has been issued monthly at Toronto since January 1916, but is at present about 1 year in arrears. The Monthly Record is the most complete monthly summary of temperature, precipitation, wind, sunshine and general weather available for all Canadian stations. Daily listings of temperature, precipitation, sunshine and radiation are given.
5. *General Summaries of Hourly Weather Observations in Canada*—These summaries have been published annually at Toronto since 1944 and are available in two parts about a full year after the close of the year. Monthly tables of weather types, cloud amounts and types, obstructions to vision etc., are accompanied by tables showing conditions of cloud ceilings, visibility and wind directions by speed groupings.
6. *Snow Cover Data, Eastern Canada*—This periodical was begun for the winter of 1954-55, and is issued annually from Toronto about six months after the end of the snow cover season in southeastern Canada. The periodical contains a listing of all available data on the depth of snow on the ground twice a month from climatological observing stations and monthly data on snow depth and water equivalents from snow course surveys. Much of the data in this periodical is supplied from snow courses operated by other organizations.
7. *Annual Meteorological Summary*—Issued annually from about 12 different local meteorological offices and is available within two to three months after the close of each year. The first annual summary was issued from Toronto for 1941 and the number of stations preparing and issuing annual summaries has slowly grown over the past two decades. In this periodical a complete tabular review of the weather for the past year is shown along with comparative data for past years.
8. *Weather Summary for the Prairie Provinces*—This mimeographed summary is issued weekly from Winnipeg as a supplement to the Daily Weather Map for the period April 1st through September 30th each year. This summary has been issued since 1936 and currently contains weekly precipitation totals and temperature averages for over 200 stations in the grain areas of Manitoba, Saskatchewan, and Alberta. A short text and comparative information are also included.
9. *Monthly Weather Review*—This periodical was a monthly résumé of routine meteorological observations at all Canadian stations and was issued from Toronto during the period 1877 to 1915.
10. *Report of the Meteorological Service of Canada*—During the first 36 years of the Meteorological Service from 1871 to 1915 climatological summaries from all Canadian stations were issued from Ottawa as part of the annual report of the Department of Marine and Fisheries. This publication was replaced by the Monthly Record in 1916.
11. *Monthly Bulletin of Canadian Radiosonde Data*—This summary of upper air data begins with the January 1959 issue. It is produced at Toronto and is scheduled to be issued about 6 months after the close of each month, after the initial difficulties have been overcome.
12. *Climatological Summary—Arctic Stations*—This publication has also been authorized to begin with the data for 1959 and the first issue containing data from the five joint

weather stations in the Arctic along with Sachs Harbour and Clyde will be issued for the six-month period January through June 1959. The publication is scheduled to appear twice yearly about six months after the close of each period in question.

13. *Monthly Radiation Summary*—The first issue of this summary appeared in January 1960 and is designed to provide research scientists, engineers and other interested parties with radiation data from measurements at Canadian stations as soon as possible after the end of each month.

B. PERIODICALS ISSUED BY OTHER ORGANIZATIONS

1. *Climate of British Columbia*—Issued by the Department of Agriculture Province of British Columbia annually from data supplied by the Meteorological Branch at Victoria, B.C. The periodical contains tables of temperature, precipitation, and sunshine along with comparative values from the period of record.
2. *Navigation Conditions on the Hudson Bay Route*—This report has been issued annually by the Department of Transport in Ottawa since 1929 and contains detailed weather statistics for stations on and near the route from the Atlantic seaboard to the port of Churchill for each navigation season. Weather data tables are supplied from Montreal and Toronto.
3. *Monthly Bulletin of Agriculture Statistics*—This publication is issued monthly from Ottawa by the Dominion Bureau of Statistics and includes a section on meteorological data from the different experimental farms. These data are supplied by the Meteorological Branch in Toronto to the Department of Agriculture in Ottawa.
4. *Agricultural Statistics of Ontario*—This is a publication issued annually from Toronto by the Ontario Department of Agriculture and contains monthly climatic data and normals from 100 Ontario stations supplied by the Meteorological Branch.
5. *Meteorological Bulletin*—This periodical is issued by the Quebec Department of Trade and Commerce and contains several pages of monthly climatic data from stations in Quebec. These data are supplied by the Quebec Department of Hydraulic Resources, the Quebec Meteorological Bureau and the Meteorological Branch.
6. *Monthly Weather Summary—Province of New Brunswick*—This Monthly Summary was begun during the summer of 1960 and contains a page of text describing the precipitation and temperature regime of the month in the province along with maps of precipitation, normal precipitation, percentage of normal precipitation, normal mean daily temperature, mean daily temperature and departure from normal mean temperature.
7. *Statistical Year Book*—This is an annual publication issued by the Quebec Bureau of Statistics containing a section on Meteorology in which climatic data are listed for Quebec stations. Some of these data are supplied by the Meteorological Branch.
8. *Daily Series Synoptic Weather Maps Northern Hemisphere Sea Level and 500 mb. Charts*—These daily hemispherical maps are issued by the United States Weather Bureau and are bound into monthly booklets. The series consists of maps from the period 1899 to 1939 issued jointly by the Weather Bureau and the U.S. Army Air Forces, from 1945 to 1948 by the U.S. Air Force, and from 1949 to the present by the United States Weather Bureau.
9. *Daily Series Synoptic Maps Part II Northern Hemisphere Data Tabulations, daily bulletin*—This daily listing is issued by the United States Weather Bureau from Asheville and contains data on winds aloft, radiosonde and rawinsonde data as well as surface synoptic data for all Canadian upper air and surface synoptic stations.

10. *Monthly Climatic Data for the World*—This publication is sponsored by the World Meteorological Organization in cooperation with the United States Weather Bureau, is produced at Asheville and contains basic temperature, precipitation, humidity and pressure data for 44 Canadian stations. Canadian data are based on CLIMAT messages supplied from Toronto each month. The periodical appears about two months after the close of each month in question.

